

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029865.D
 Acq On : 08 Aug 2024 16:26
 Operator : SY/MD
 Sample : P3481-09MS
 Misc : 6.02g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 09 00:51:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 00:48:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	65247	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	59177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	22210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	4688	5.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.240%#
7) Chloroethane-d5	2.899	69	5965	9.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.080%
11) 1,1-Dichloroethene-d2	4.027	65	2623	6.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.800%#
21) 2-Butanone-d5	7.087	46	10010	39.428	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.860%
24) Chloroform-d	7.654	84	24489	14.499	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.000%
26) 1,2-Dichloroethane-d4	8.307	65	14116	14.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	58.680%#
32) Benzene-d6	8.276	84	31699	9.914	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	39.640%
36) 1,2-Dichloropropane-d6	9.276	67	14668	14.367	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	57.480%#
41) Toluene-d8	10.325	98	23008	8.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	32.360%
43) trans-1,3-Dichloroprop...	10.581	79	4769	11.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.160%
47) 2-Hexanone-d5	10.922	63	5110	30.354	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	16041	21.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.640%
66) 1,2-Dichlorobenzene-d4	13.854	152	10476	15.191	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	24398	27.741	ug/L	99
3) Chloromethane	2.222	50	21488	19.745	ug/L	100
5) Vinyl chloride	2.369	62	26789	21.968	ug/L	98
6) Bromomethane	2.789	94	13382	19.985	ug/L	92
8) Chloroethane	2.930	64	15961	23.008	ug/L	99
9) Trichlorofluoromethane	3.277	101	38041	39.055	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	23346	24.065	ug/L	97
12) 1,1-Dichloroethene	4.051	96	18253	20.478	ug/L #	71
13) Acetone	4.124	43	19367	61.383	ug/L	97
14) Carbon disulfide	4.393	76	55273	18.634	ug/L	98
15) Methyl Acetate	4.685	43	9904	18.846	ug/L	92
16) Methylene chloride	4.923	84	20235	14.835	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	18826	19.599	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	40429	25.538	ug/L	96
19) 1,1-Dichloroethane	6.216	63	41053	20.264	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	19566	18.779	ug/L	93
22) 2-Butanone	7.179	43	14583	36.073	ug/L	97
23) Bromochloromethane	7.514	128	4844	10.951	ug/L	97
25) Chloroform	7.679	83	38132	19.978	ug/L	96

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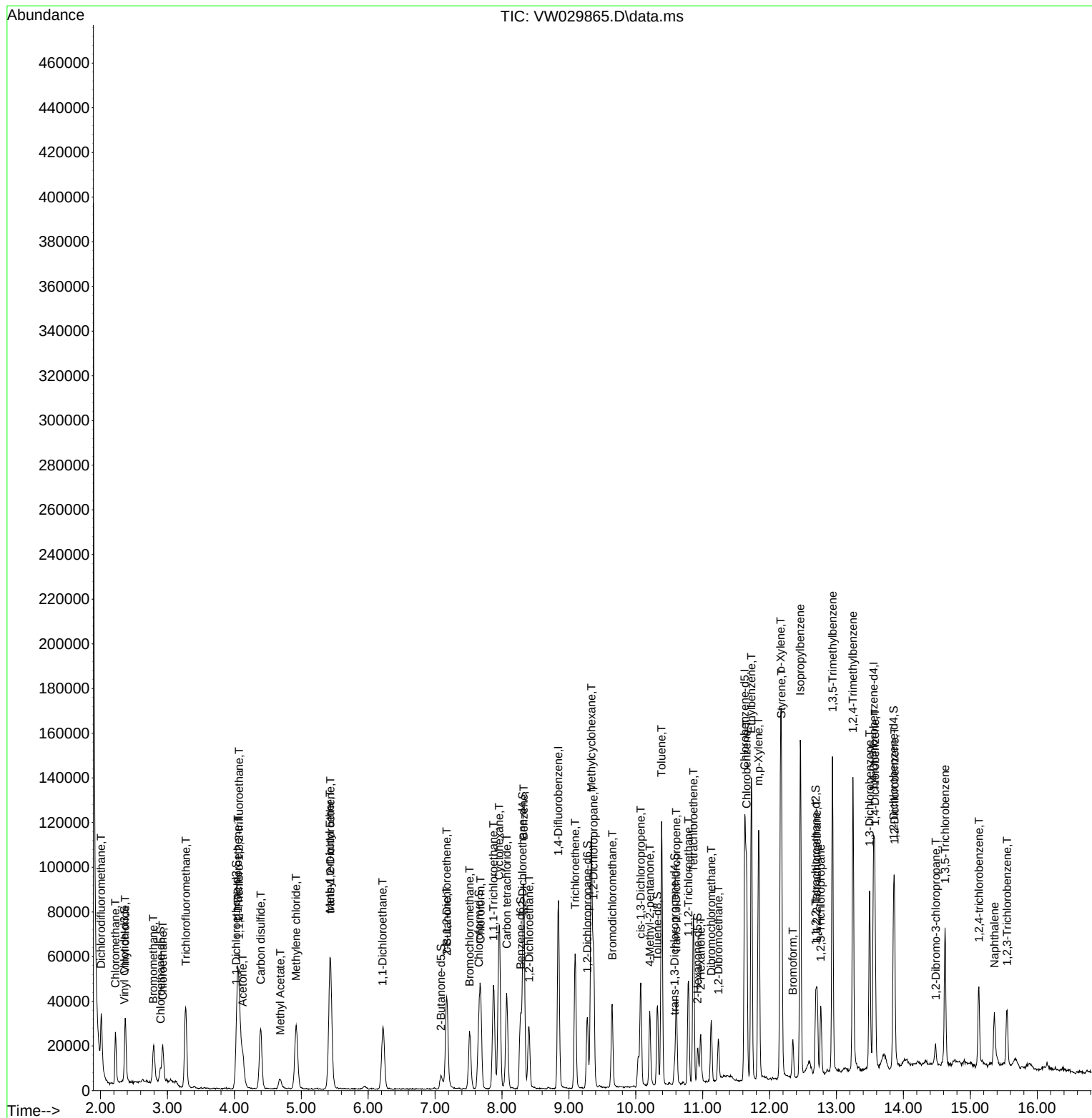
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	25975	18.674	ug/L	100
29) Cyclohexane	7.959	56	37470	22.281	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	35662	23.797	ug/L	98
31) Carbon tetrachloride	8.069	117	30222	22.381	ug/L	95
33) Benzene	8.325	78	80558	19.868	ug/L	100
34) Trichloroethene	9.093	95	21214	19.958	ug/L	89
35) Methylcyclohexane	9.337	83	37952	21.428	ug/L	98
37) 1,2-Dichloropropane	9.367	63	22004	19.803	ug/L	98
38) Bromodichloromethane	9.648	83	24438	18.469	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	26710	16.506	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	22769	32.261	ug/L	98
42) Toluene	10.386	91	82646	19.969	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	20749	15.446	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	14315	19.177	ug/L	96
46) Tetrachloroethene	10.861	164	15188	19.659	ug/L	92
48) 2-Hexanone	10.971	43	14305	27.062	ug/L	99
49) Dibromochloromethane	11.129	129	13913	17.954	ug/L	98
50) 1,2-Dibromoethane	11.233	107	12195	17.657	ug/L #	97
51) Chlorobenzene	11.654	112	44935	17.455	ug/L	96
52) Ethylbenzene	11.727	91	91189	19.533	ug/L	99
53) m,p-Xylene	11.836	106	33696	19.625	ug/L	89
54) o-Xylene	12.166	106	30499	19.290	ug/L	96
55) Styrene	12.178	104	44812	16.351	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	16716	18.245	ug/L #	94
59) Bromoform	12.349	173	7223	21.613	ug/L #	97
60) Isopropylbenzene	12.458	105	91874	26.732	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	12776	23.651	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	69564	27.231	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	66593	24.375	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	29249	19.947	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	26169	17.374	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	24622	18.444	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	2305	18.793	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	16725	16.671	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	10543	12.474	ug/L	93
71) Naphthalene	15.360	128	17688	10.968	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	7811	10.210	ug/L	93

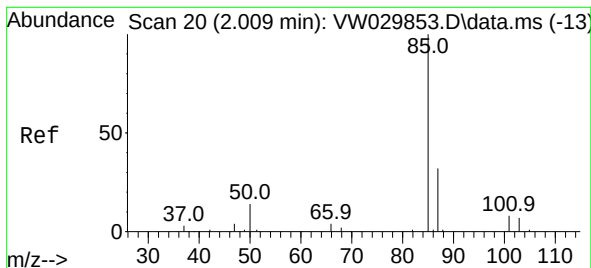
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 27.741 ug/L

RT: 2.009 min Scan# 20

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

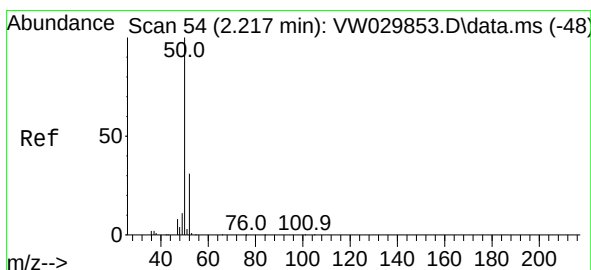
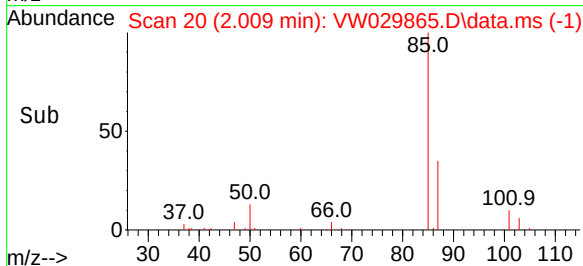
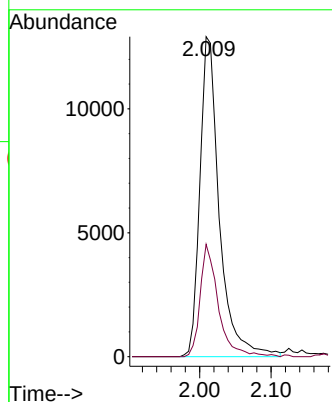
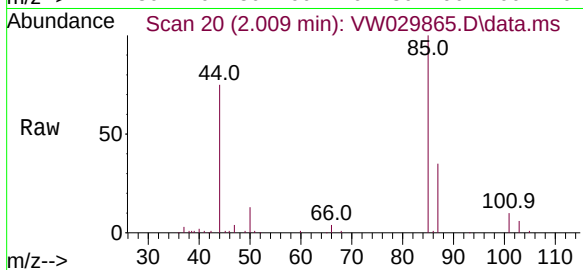
ClientSampleId :

Tgt Ion: 85 Resp: 24398

Ion Ratio Lower Upper

85 100

87 32.6 25.5 38.3



#3

Chloromethane

Concen: 19.745 ug/L

RT: 2.222 min Scan# 55

Delta R.T. 0.006 min

Lab File: VW029865.D

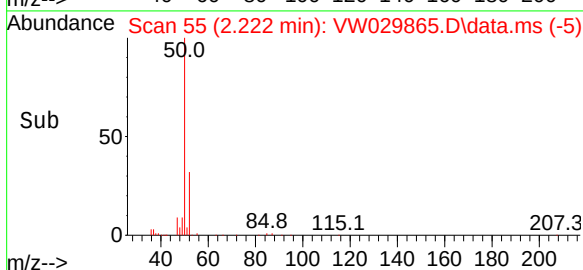
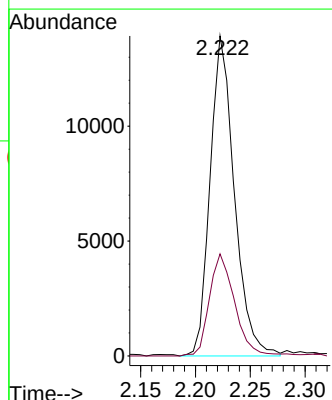
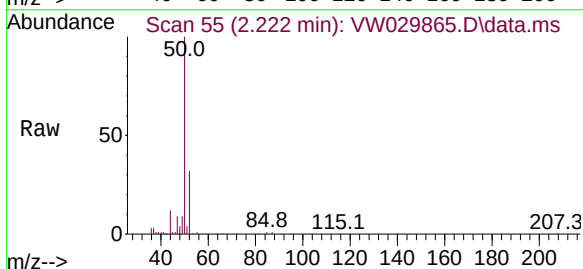
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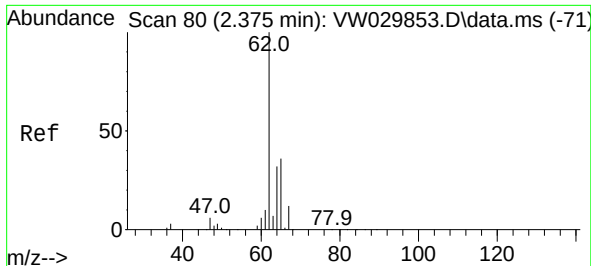
Tgt Ion: 50 Resp: 21488

Ion Ratio Lower Upper

50 100

52 31.9 22.5 41.9

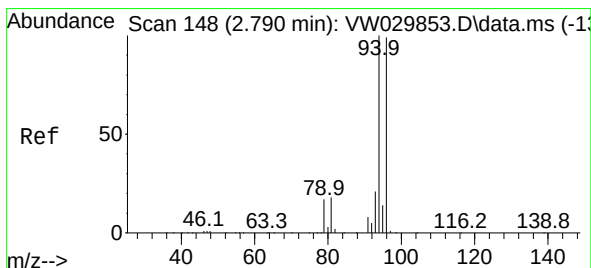
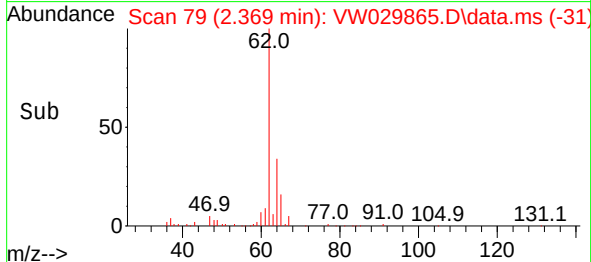
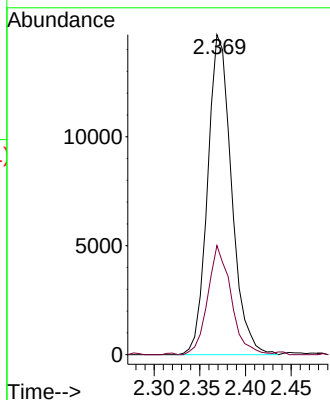
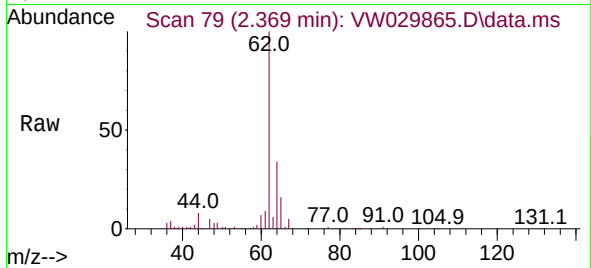




#5
 Vinyl chloride
 Concen: 21.968 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW029865.D
 Acq: 08 Aug 2024 16:26

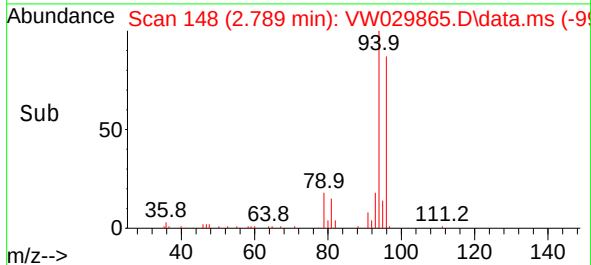
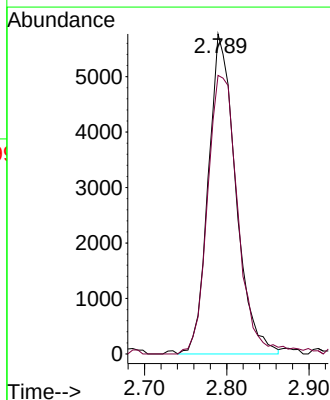
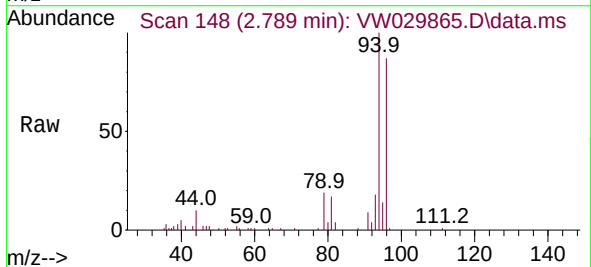
Instrument :
 MSVOA_W
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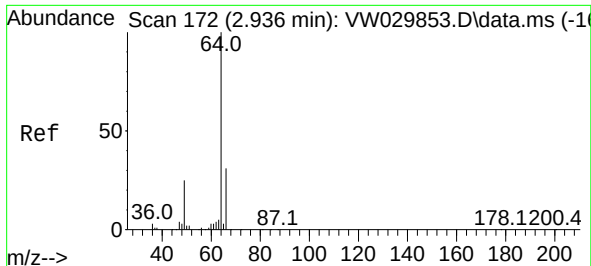
Tgt Ion: 62 Resp: 26789
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.2 43.2



#6
 Bromomethane
 Concen: 19.985 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029865.D
 Acq: 08 Aug 2024 16:26

Tgt Ion: 94 Resp: 13382
 Ion Ratio Lower Upper
 94 100
 96 87.1 66.2 123.0

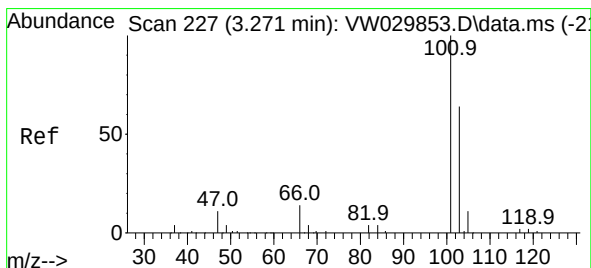
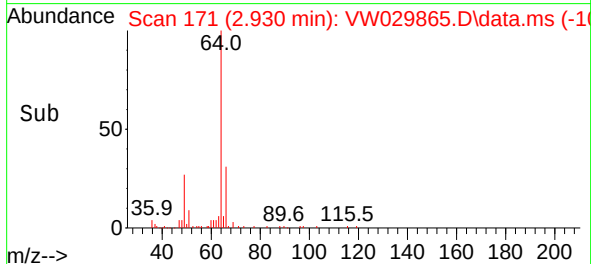
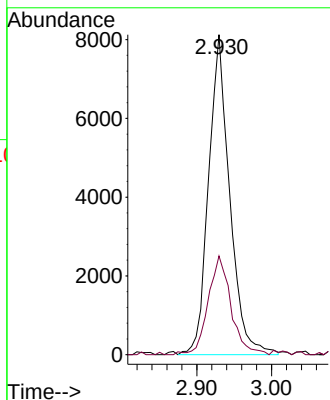
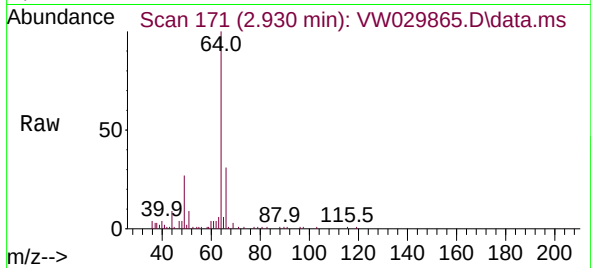




#8
Chloroethane
Concen: 23.008 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

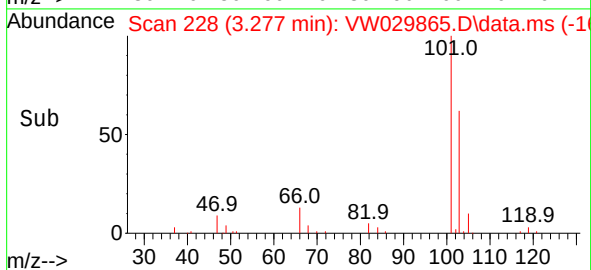
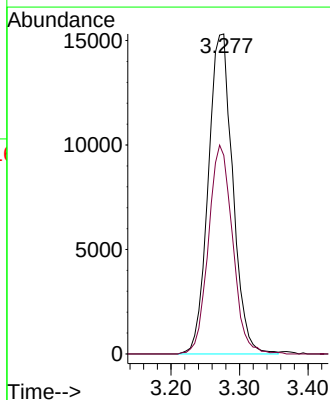
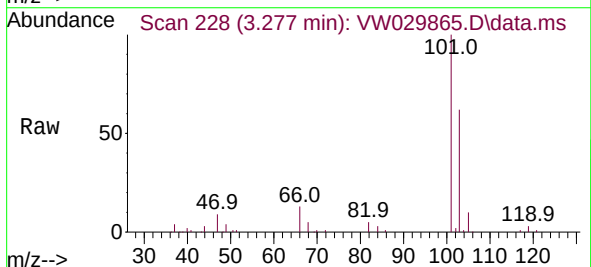
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MSVOA_W
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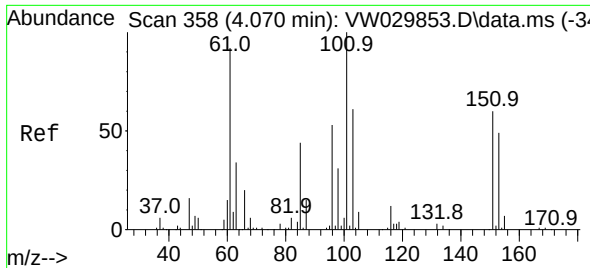
Tgt Ion: 64 Resp: 15961
Ion Ratio Lower Upper
64 100
66 30.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 39.055 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Tgt Ion:101 Resp: 38041
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.065 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

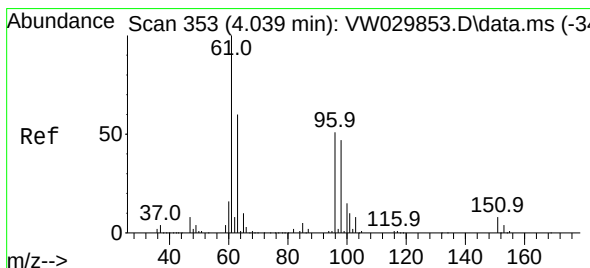
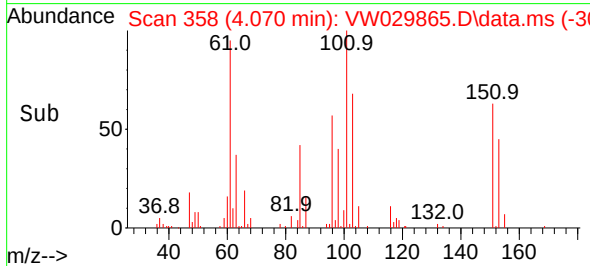
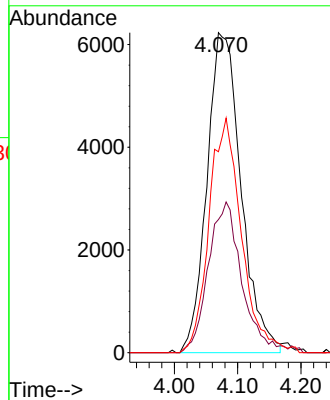
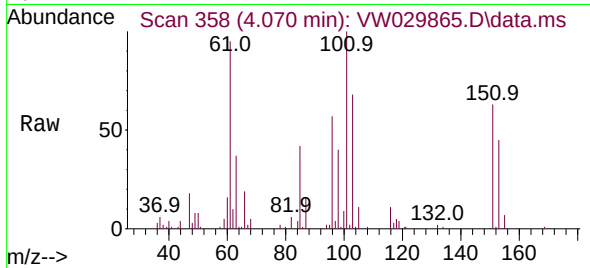
Tgt Ion:101 Resp: 23346

Ion Ratio Lower Upper

101 100

85 45.6 34.2 51.4

151 69.4 54.2 81.2



#12

1,1-Dichloroethene

Concen: 20.478 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.012 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

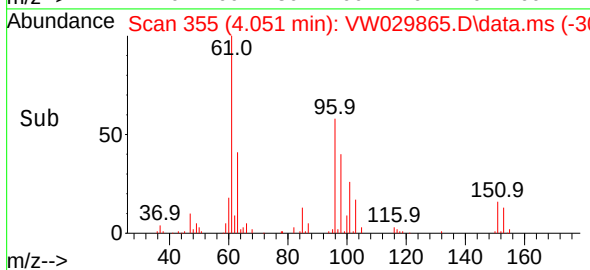
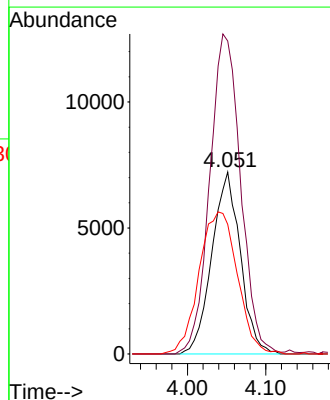
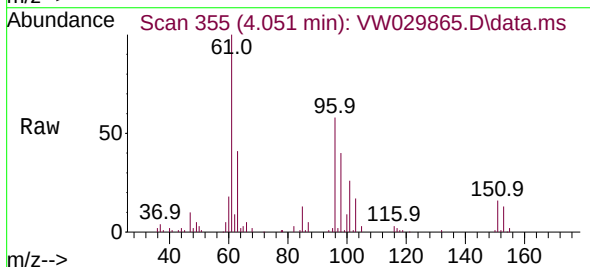
Tgt Ion: 96 Resp: 18253

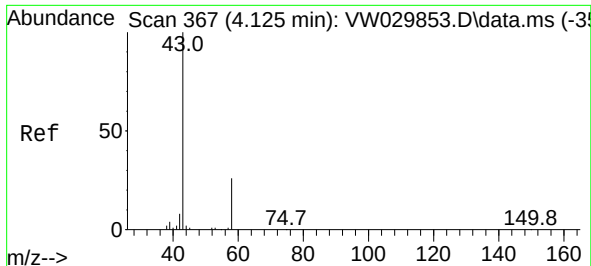
Ion Ratio Lower Upper

96 100

61 172.0 138.3 256.9

63 71.2 89.0 165.4#

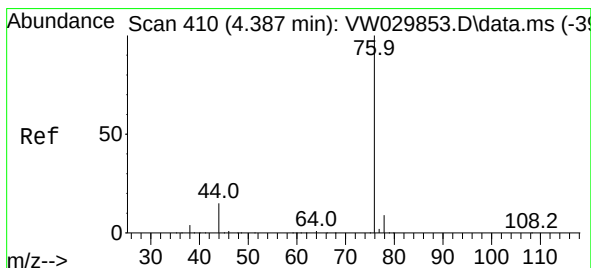
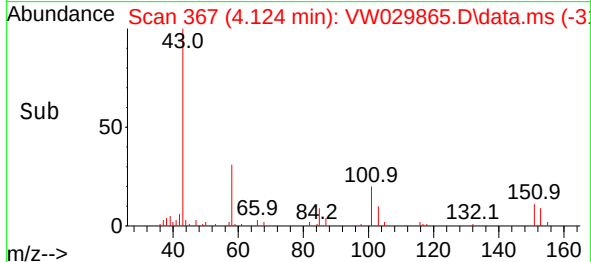
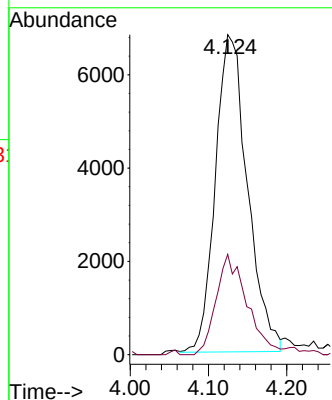
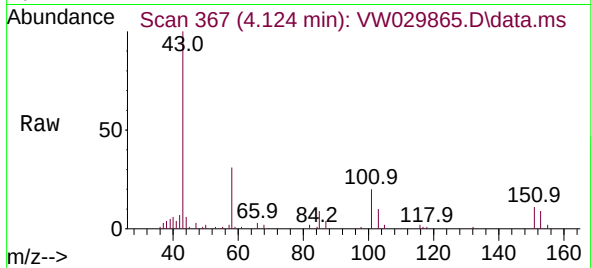




#13
Acetone
Concen: 61.383 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

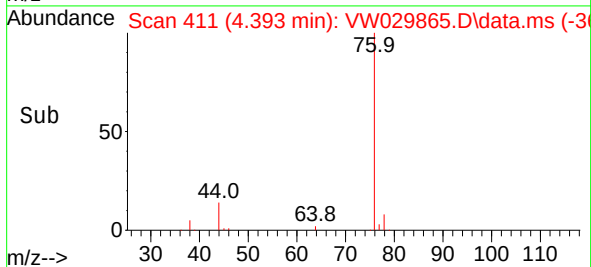
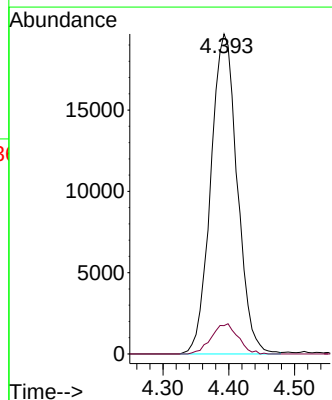
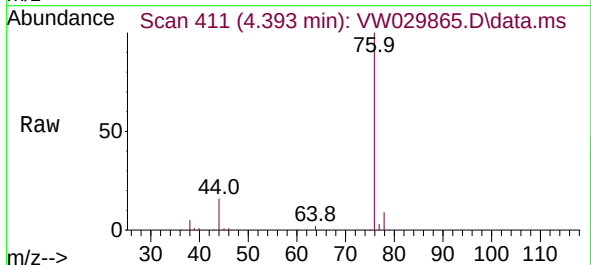
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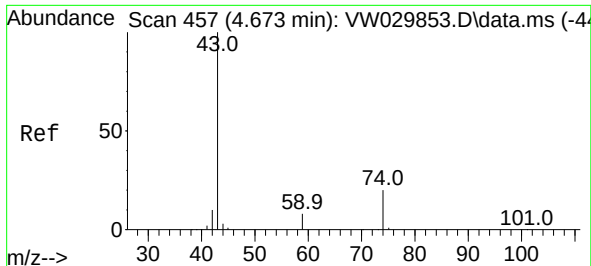
Tgt Ion: 43 Resp: 19367
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.6



#14
Carbon disulfide
Concen: 18.634 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 55273
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4





#15

Methyl Acetate

Concen: 18.846 ug/L

RT: 4.685 min Scan# 4

Delta R.T. 0.012 min

Lab File: VW029865.D

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Instrument :

MSVOA_W

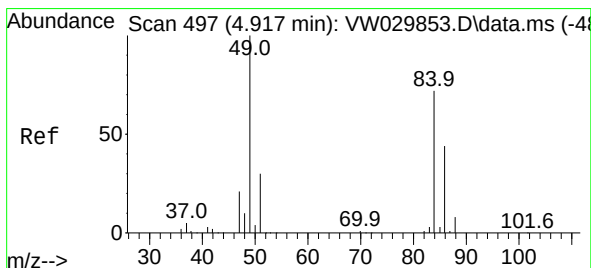
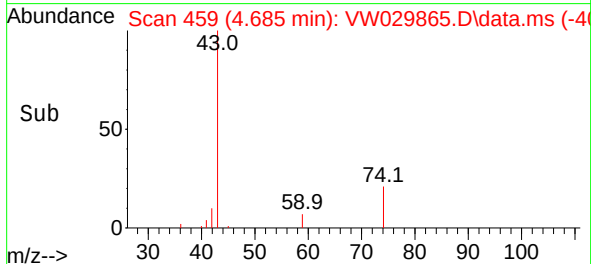
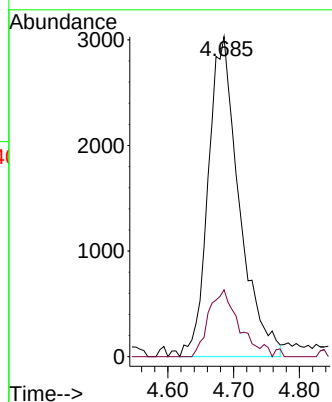
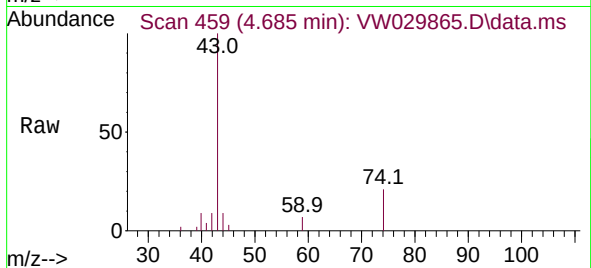
ClientSampleId :

Tgt Ion: 43 Resp: 9904

Ion Ratio Lower Upper

43 100

74 17.1 16.5 24.7



#16

Methylene chloride

Concen: 14.835 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

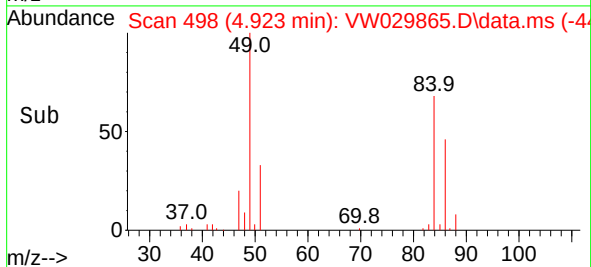
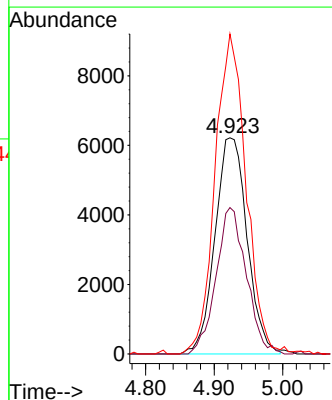
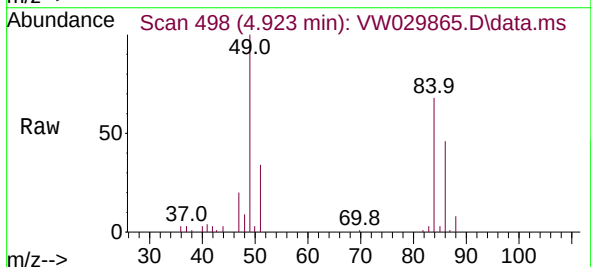
Tgt Ion: 84 Resp: 20235

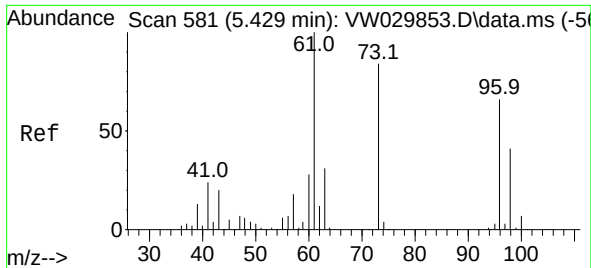
Ion Ratio Lower Upper

84 100

86 67.7 44.7 82.9

49 148.0 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 19.599 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

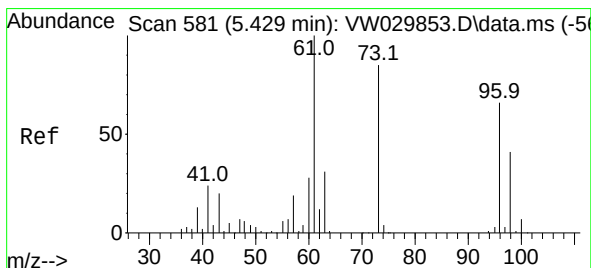
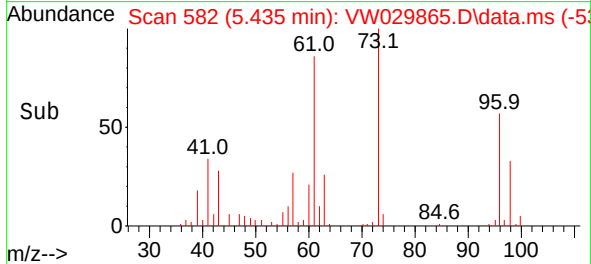
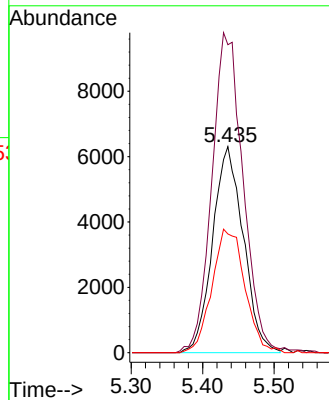
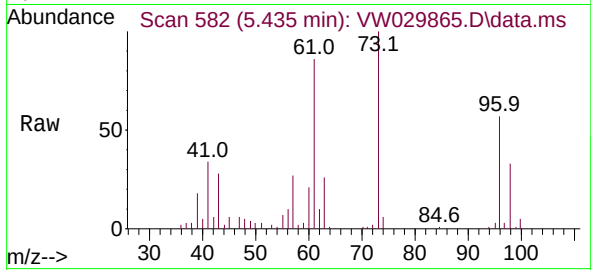
Tgt Ion: 96 Resp: 18826

Ion Ratio Lower Upper

96 100

61 149.5 111.2 206.6

98 57.7 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.538 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

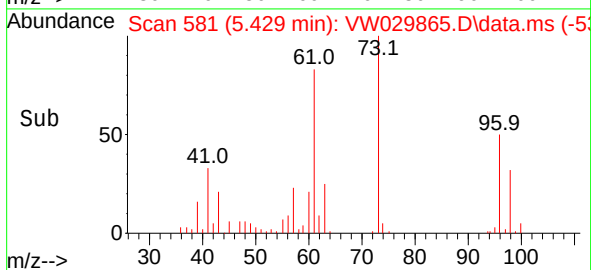
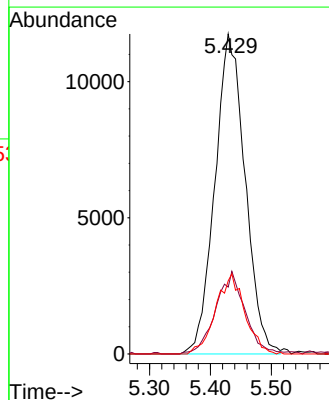
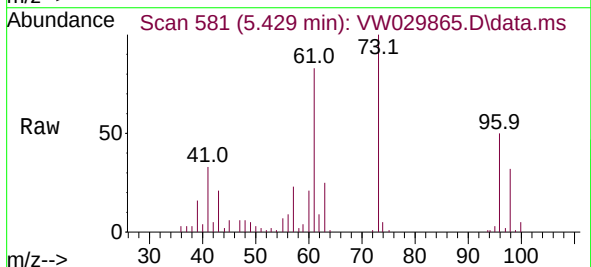
Tgt Ion: 73 Resp: 40429

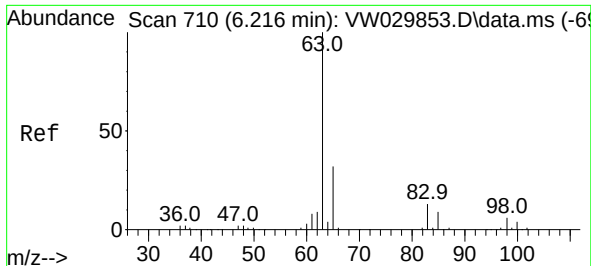
Ion Ratio Lower Upper

73 100

43 25.0 18.3 27.5

57 24.1 17.9 26.9





#19

1,1-Dichloroethane

Concen: 20.264 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029865.D

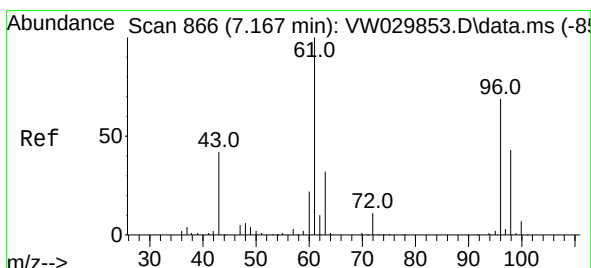
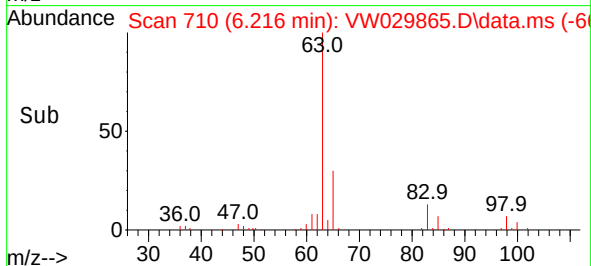
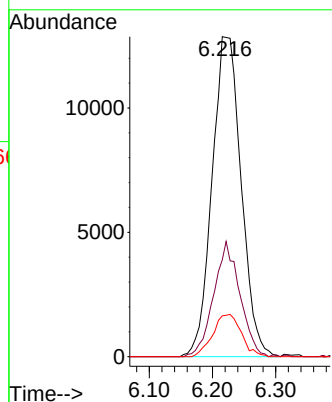
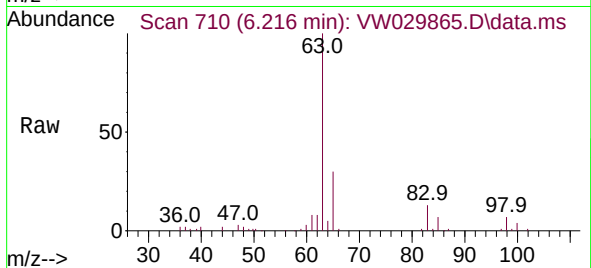
Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 41053
Ion Ratio	Lower Upper
63	100
65	30.3 22.3 41.3
83	12.8 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 18.779 ug/L

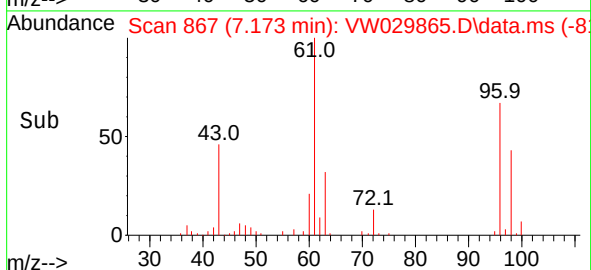
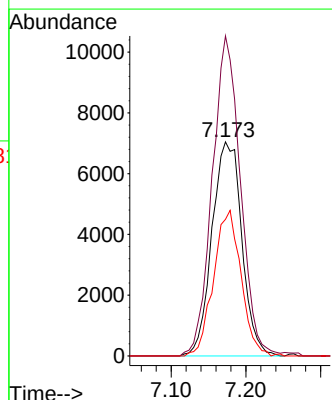
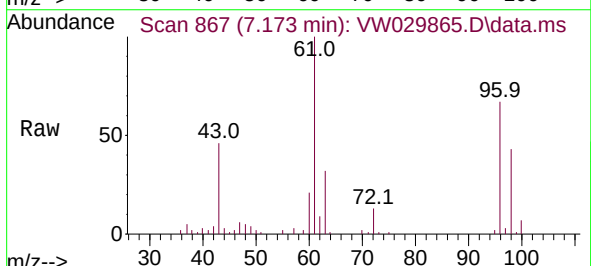
RT: 7.173 min Scan# 867

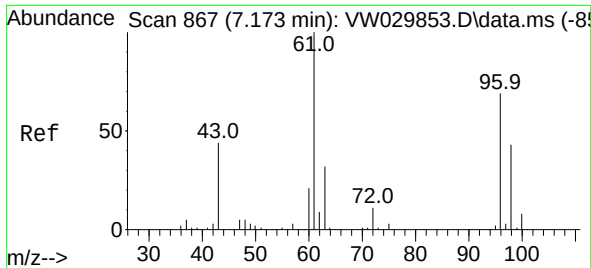
Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Tgt Ion: 96	Resp: 19566
Ion Ratio	Lower Upper
96	100
61	149.5 98.2 182.4
98	63.9 41.9 77.9





#22

2-Butanone

Concen: 36.073 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

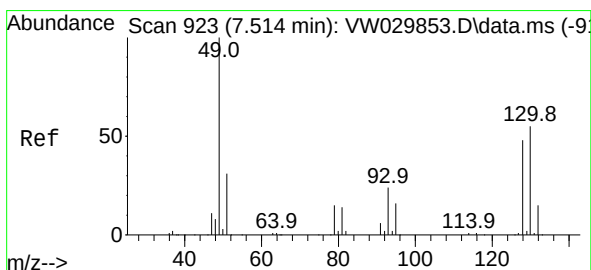
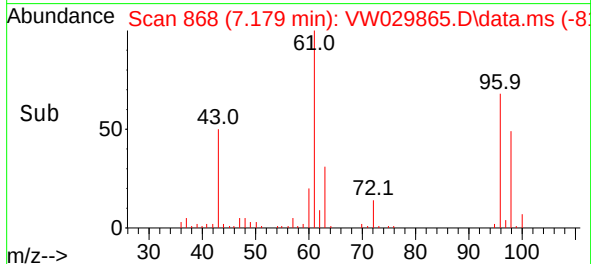
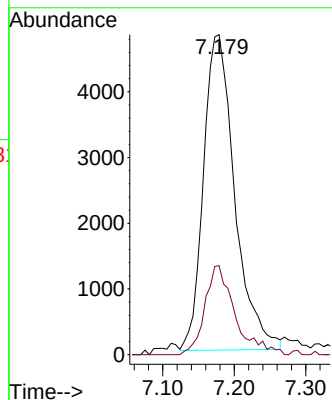
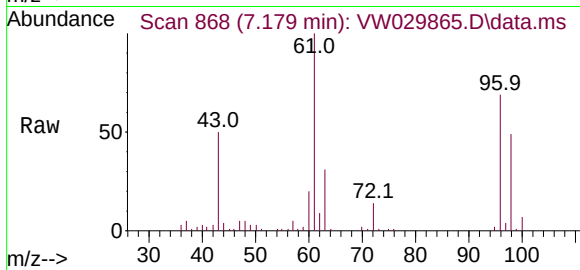
ClientSampleId :

Tgt Ion: 43 Resp: 14583

Ion Ratio Lower Upper

43 100

72 24.7 11.7 35.1



#23

Bromochloromethane

Concen: 10.951 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Tgt Ion: 128 Resp: 4844

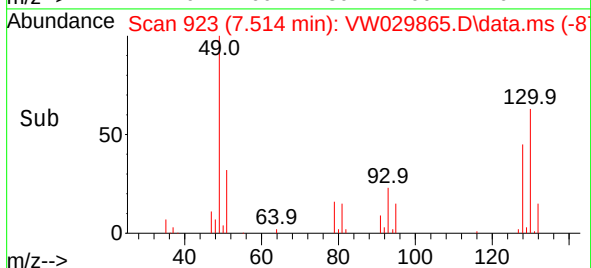
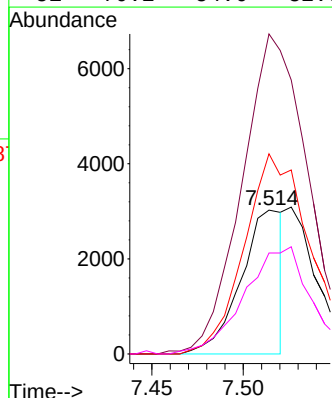
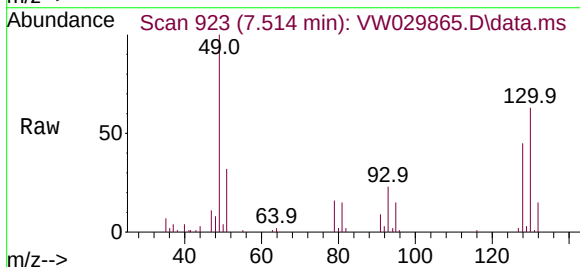
Ion Ratio Lower Upper

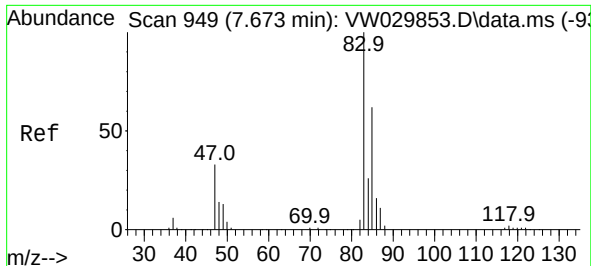
128 100

49 222.4 151.1 280.7

130 139.2 96.8 179.8

51 70.2 54.6 82.0





#25

Chloroform

Concen: 19.978 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

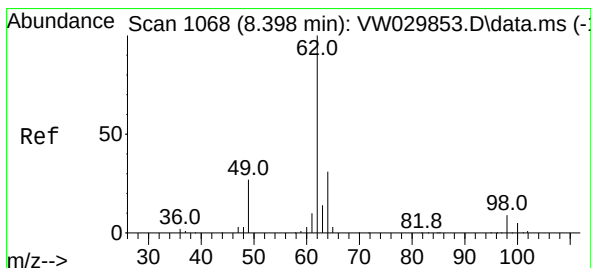
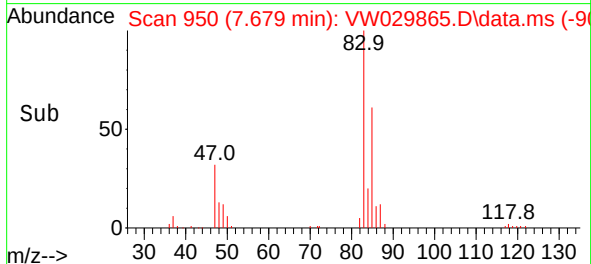
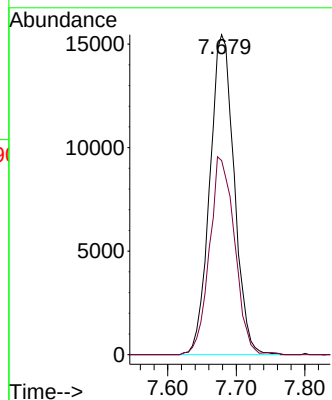
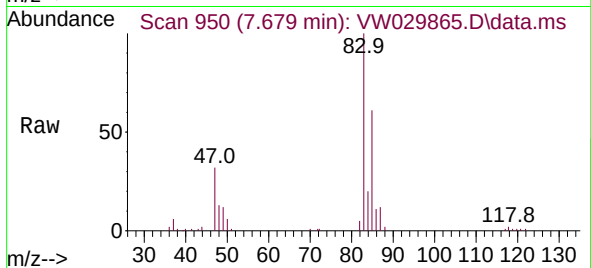
ClientSampleId :

Tgt Ion: 83 Resp: 38132

Ion Ratio Lower Upper

83 100

85 60.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 18.674 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW029865.D

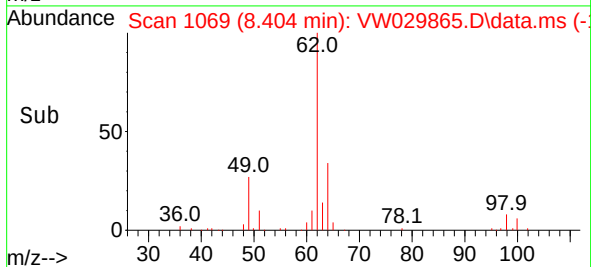
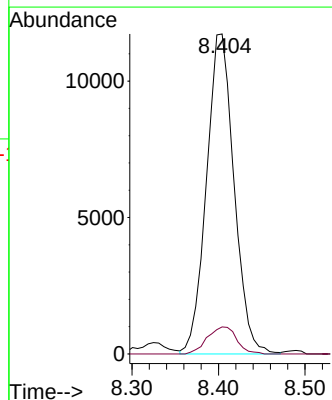
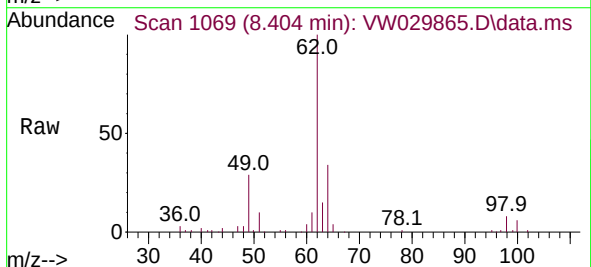
Acq: 08 Aug 2024 16:26

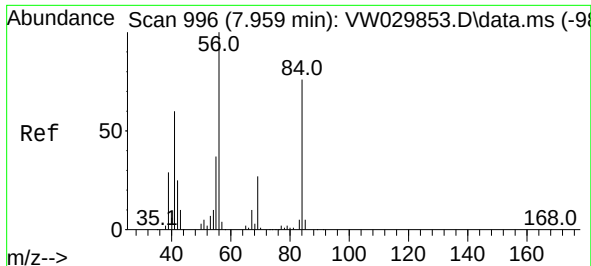
Tgt Ion: 62 Resp: 25975

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 22.281 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

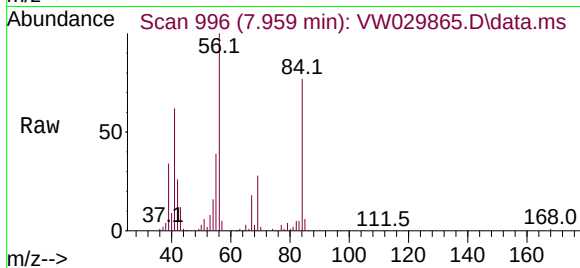
Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :



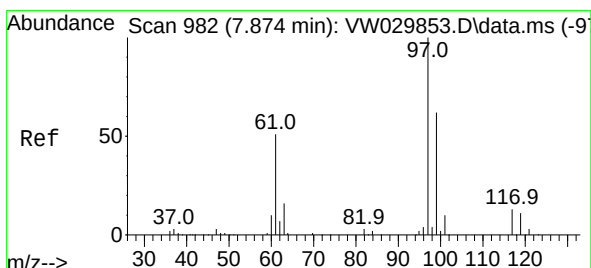
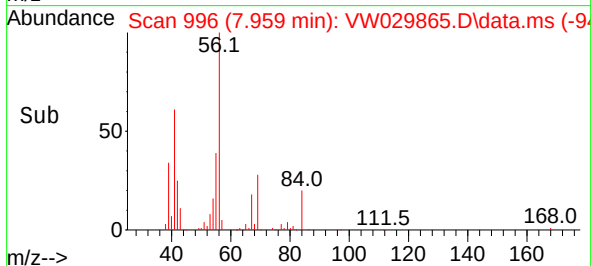
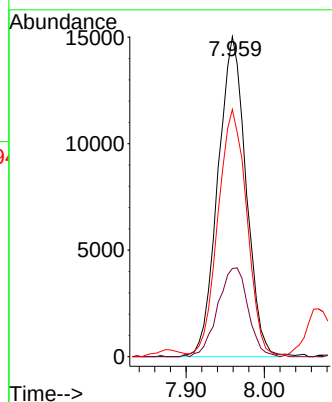
Tgt Ion: 56 Resp: 37470

Ion Ratio Lower Upper

56 100

69 29.8 23.0 34.4

84 79.4 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 23.797 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

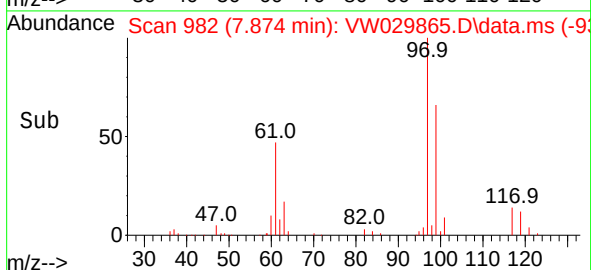
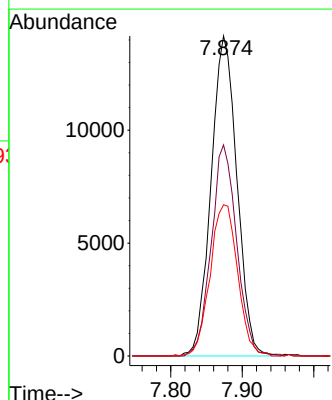
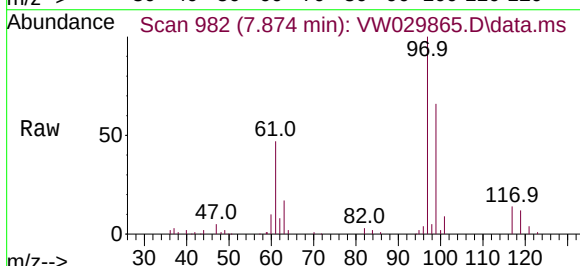
Tgt Ion: 97 Resp: 35662

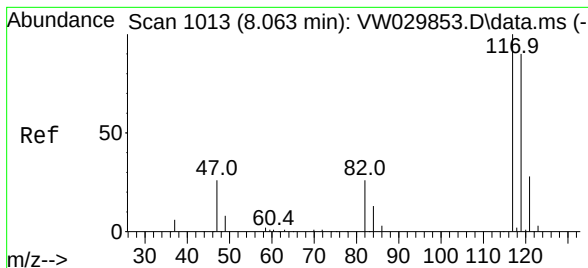
Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 50.1 42.6 63.8

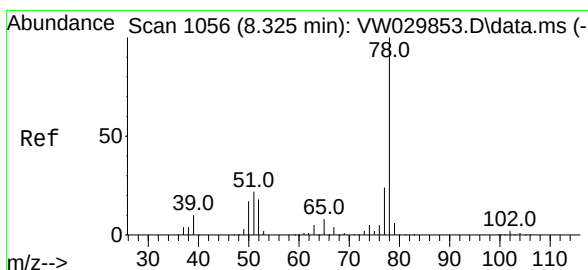
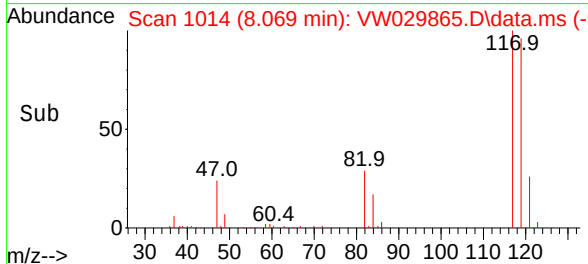
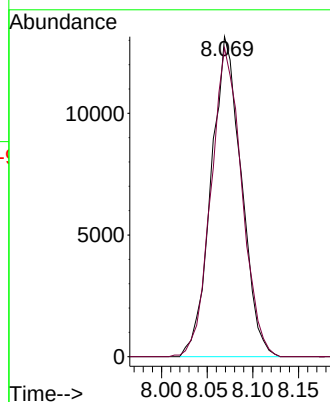
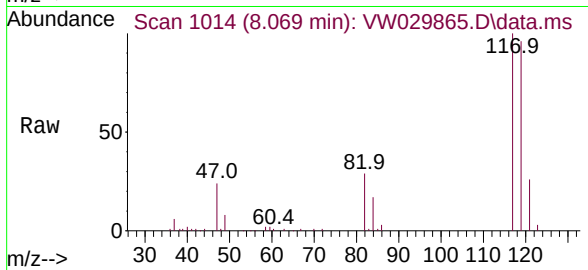




#31
Carbon tetrachloride
Concen: 22.381 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

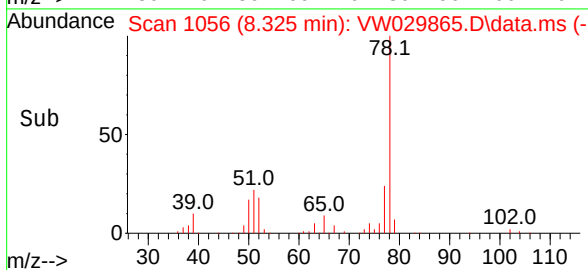
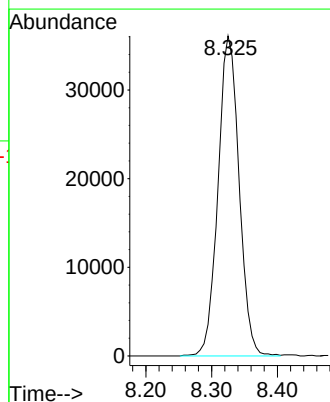
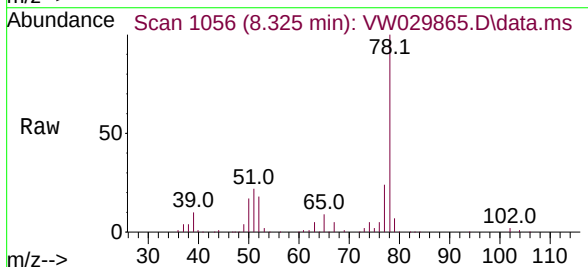
Instrument :
MSVOA_W
ClientSampleId :

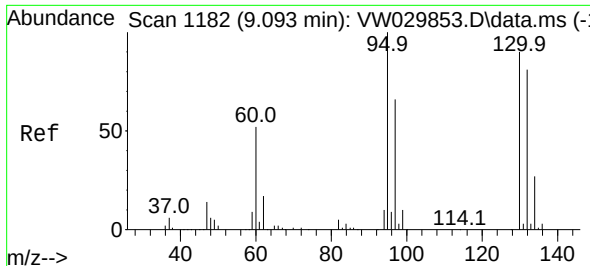
Tgt Ion:117 Resp: 30222
Ion Ratio Lower Upper
117 100
119 98.5 74.8 112.2



#33
Benzene
Concen: 19.868 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Tgt Ion: 78 Resp: 80558





#34

Trichloroethene

Concen: 19.958 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

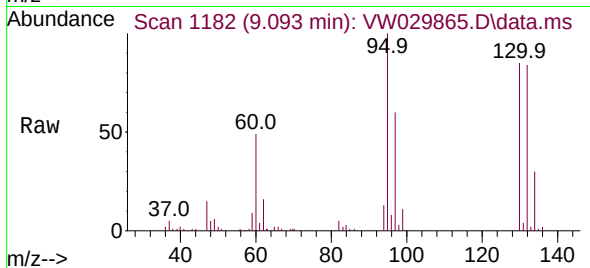
Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 21214

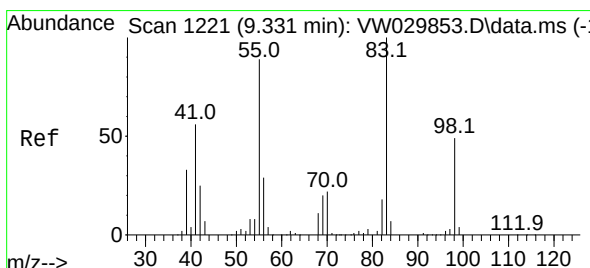
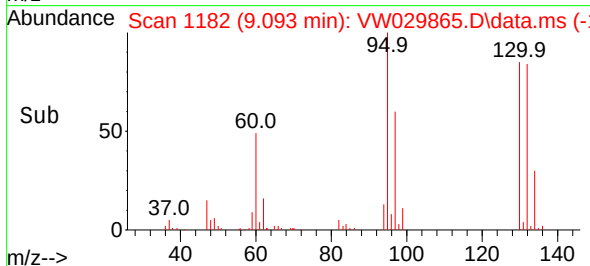
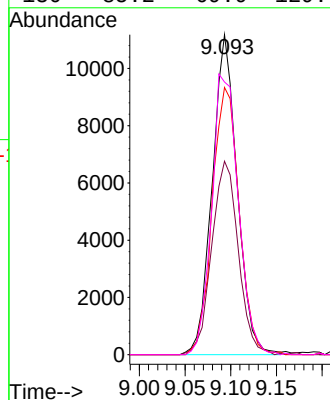
Ion Ratio Lower Upper

95 100

97 60.5 45.6 84.8

132 83.5 65.2 121.0

130 85.2 69.9 129.7



#35

Methylcyclohexane

Concen: 21.428 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

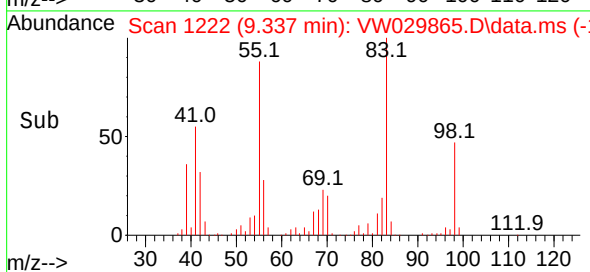
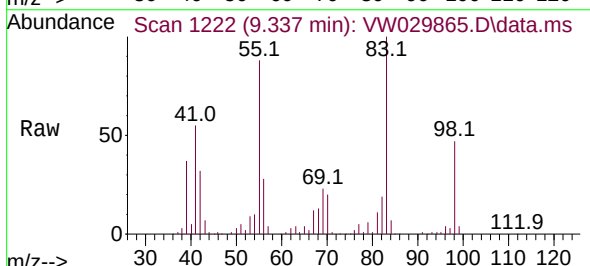
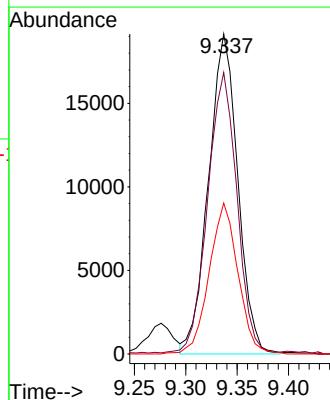
Tgt Ion: 83 Resp: 37952

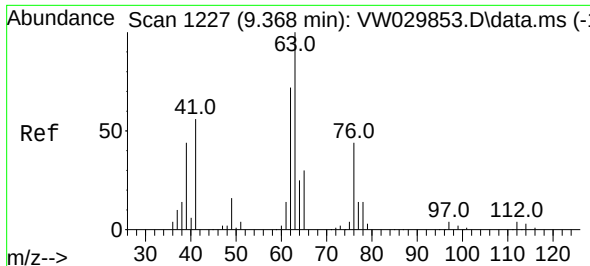
Ion Ratio Lower Upper

83 100

55 87.2 67.4 101.2

98 46.3 36.7 55.1





#37

1,2-Dichloropropane

Concen: 19.803 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

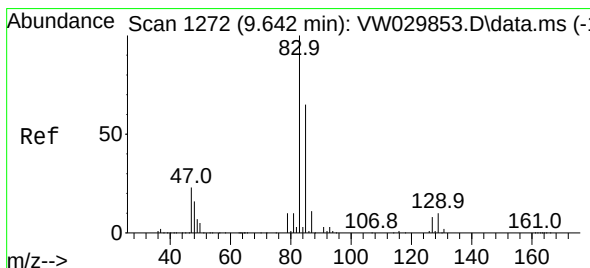
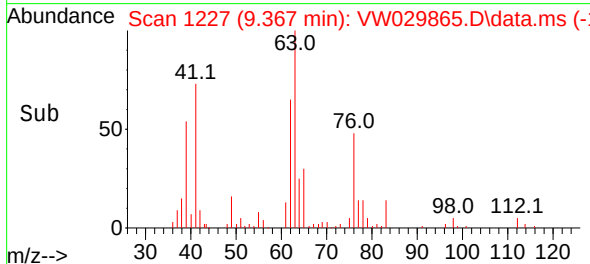
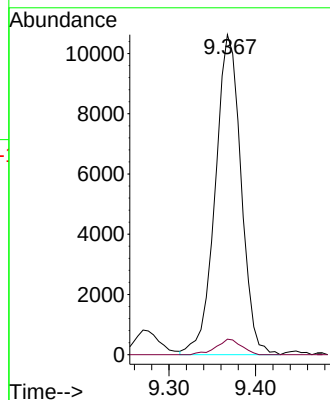
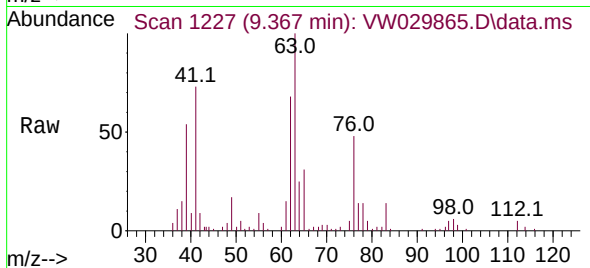
ClientSampleId :

Tgt Ion: 63 Resp: 22004

Ion Ratio Lower Upper

63 100

112 4.7 3.3 4.9



#38

Bromodichloromethane

Concen: 18.469 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

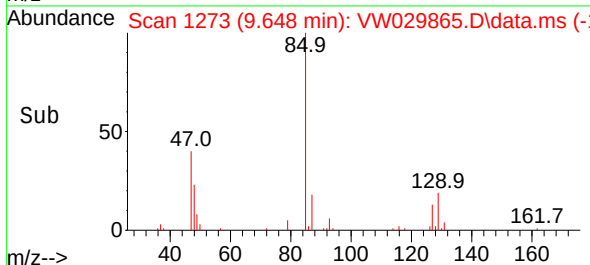
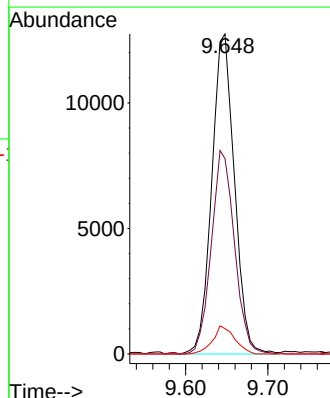
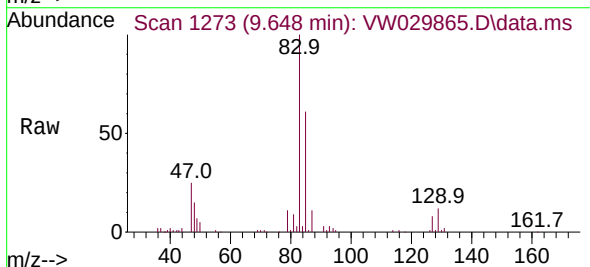
Tgt Ion: 83 Resp: 24438

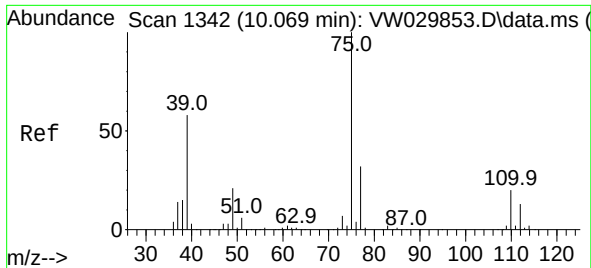
Ion Ratio Lower Upper

83 100

85 61.0 46.6 86.6

127 7.9 5.9 8.9

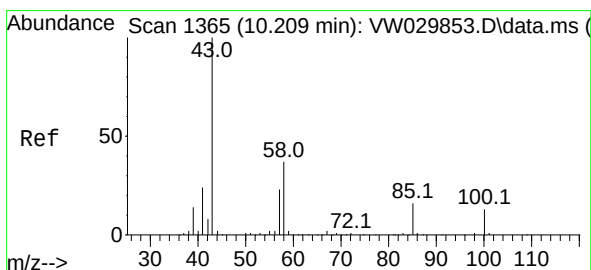
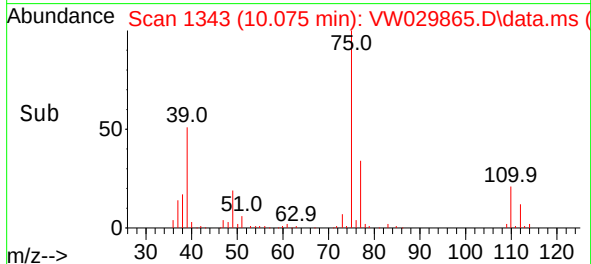
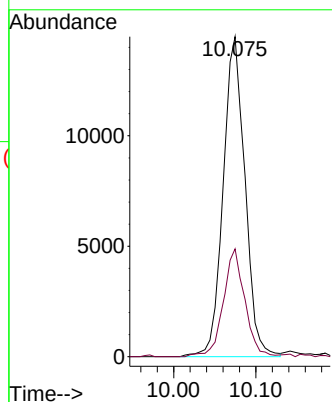
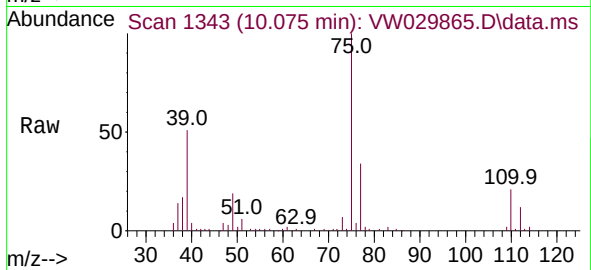




#39
cis-1,3-Dichloropropene
Concen: 16.506 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

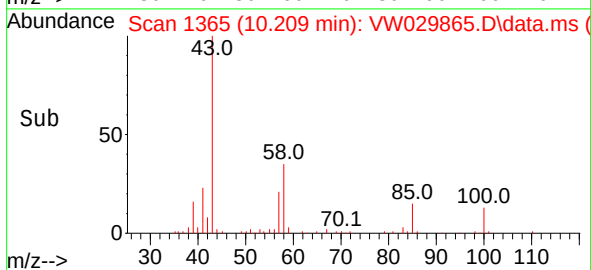
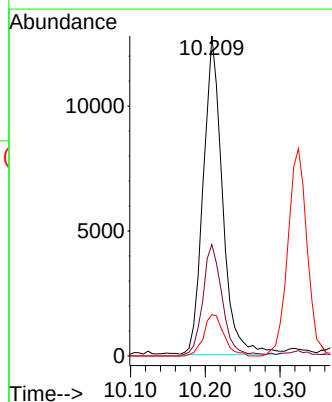
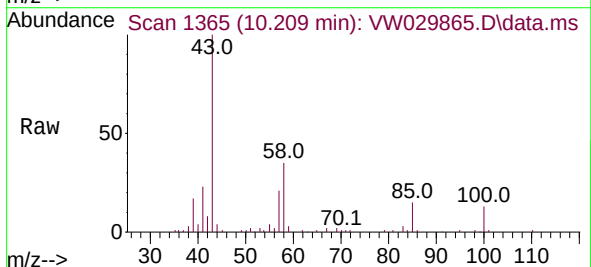
Instrument :
MSVOA_W
ClientSampleId :

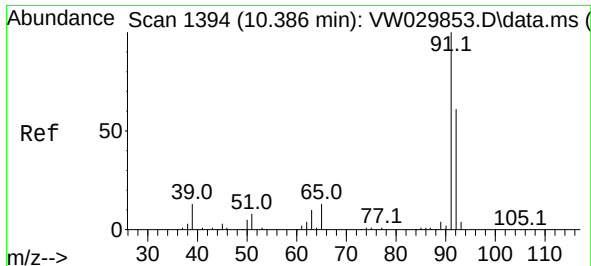
Tgt Ion: 75 Resp: 26710
Ion Ratio Lower Upper
75 100
77 33.7 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 32.261 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Tgt Ion: 43 Resp: 22769
Ion Ratio Lower Upper
43 100
58 35.1 28.7 43.1
100 13.7 10.0 15.0

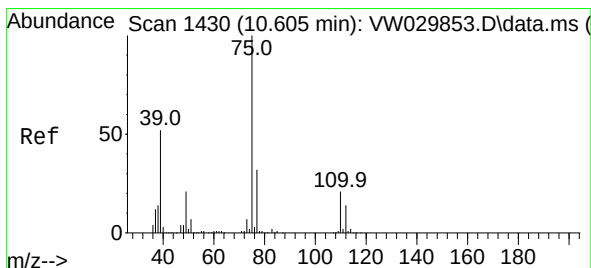
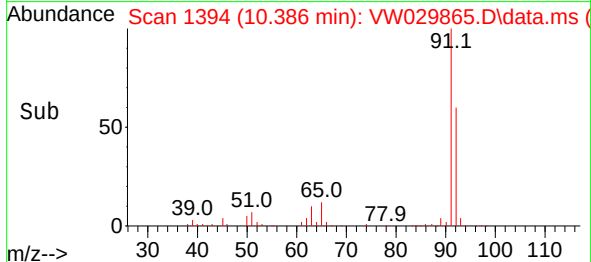
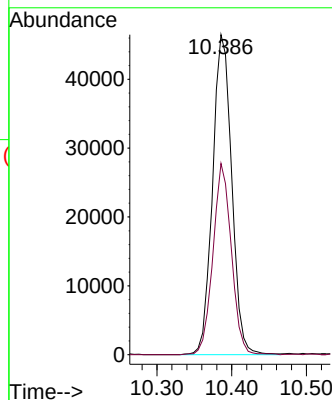
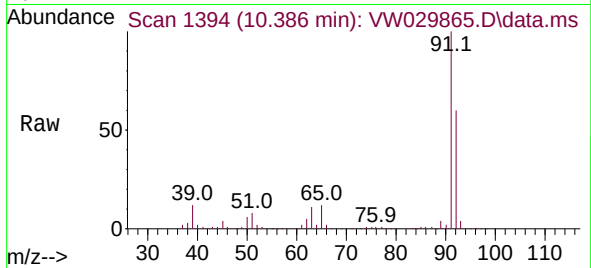




#42
Toluene
Concen: 19.969 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

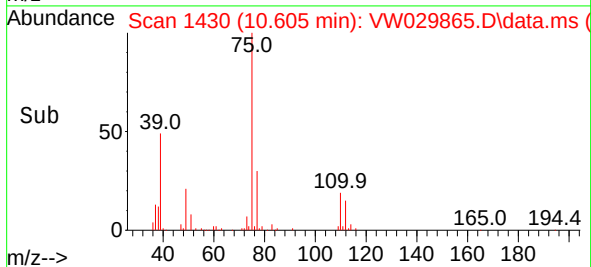
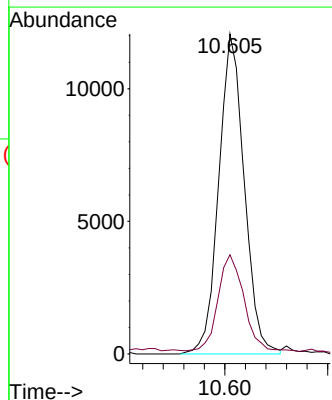
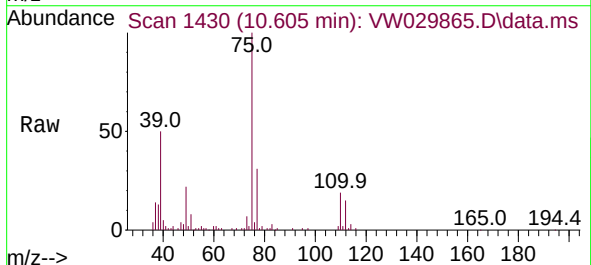
Instrument :
MSVOA_W
ClientSampleId :

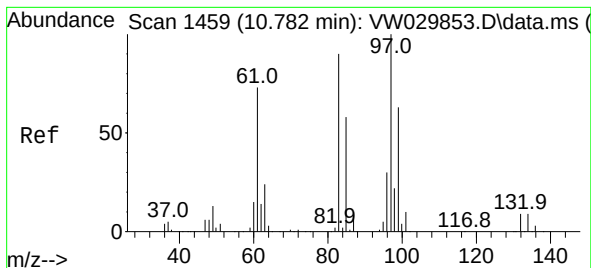
Tgt Ion: 91 Resp: 82646
Ion Ratio Lower Upper
91 100
92 59.8 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 15.446 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Tgt Ion: 75 Resp: 20749
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 19.177 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 14315

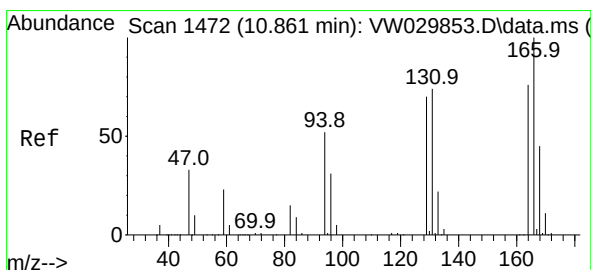
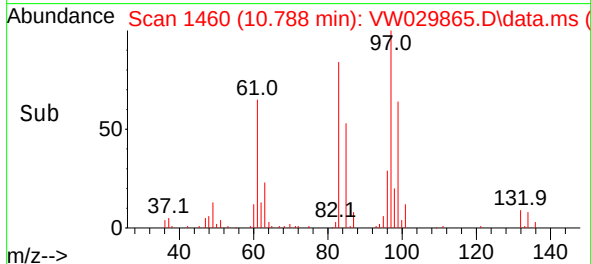
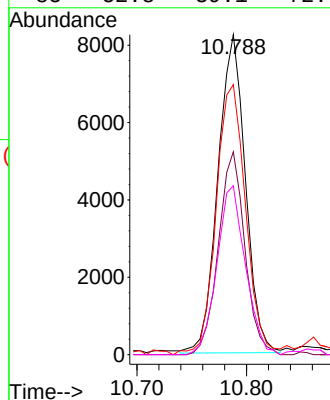
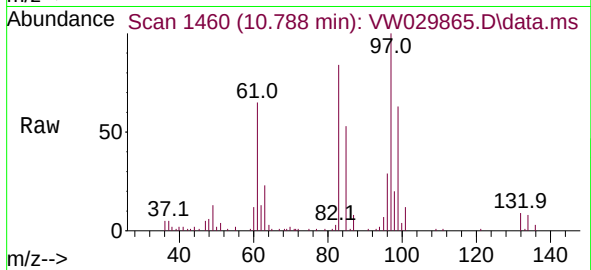
Ion Ratio Lower Upper

97 100

99 63.4 40.1 74.5

83 84.4 58.5 108.7

85 52.8 39.1 72.7



#46

Tetrachloroethene

Concen: 19.659 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Tgt Ion:164 Resp: 15188

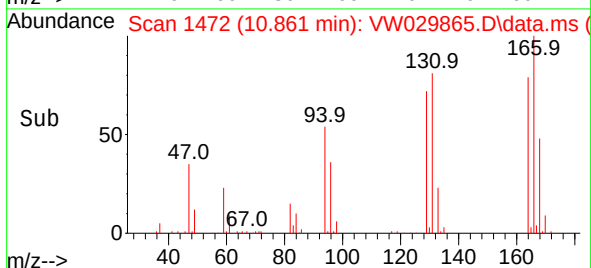
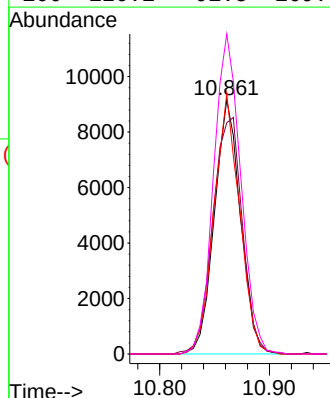
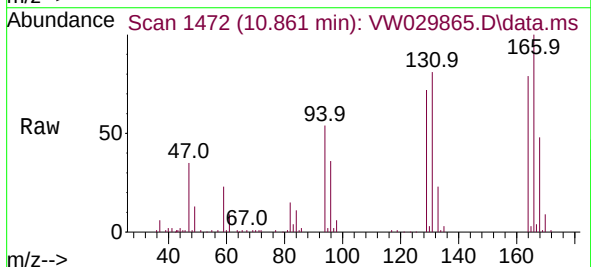
Ion Ratio Lower Upper

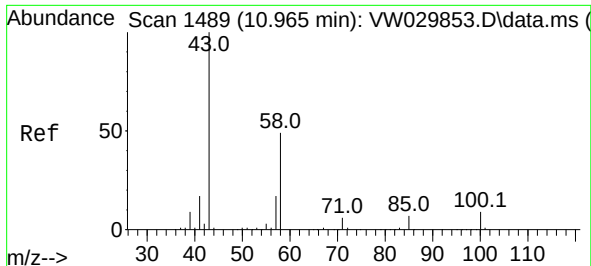
164 100

129 91.1 77.8 144.6

131 102.5 70.9 131.7

166 126.1 91.5 169.9





#48

2-Hexanone

Concen: 27.062 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 14305

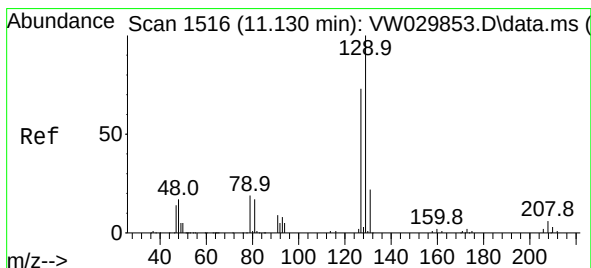
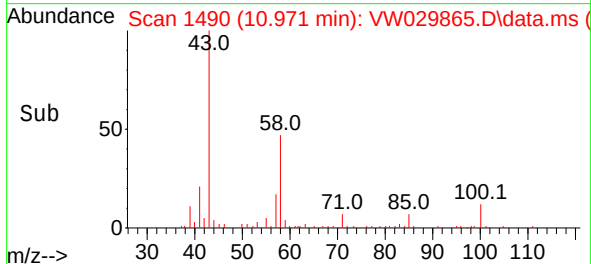
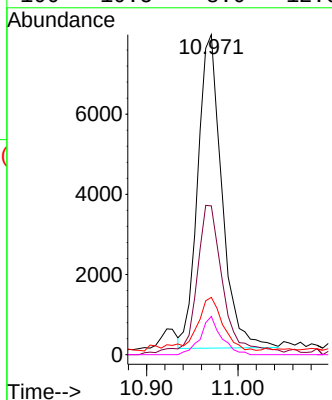
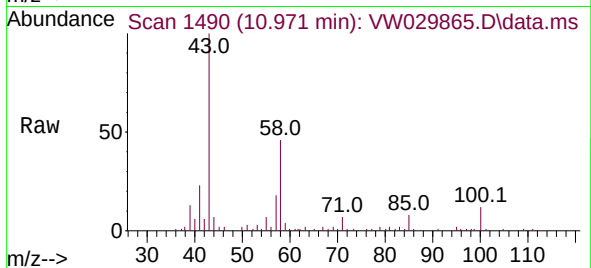
Ion Ratio Lower Upper

43 100

58 51.1 41.0 61.4

57 16.8 14.1 21.1

100 10.5 8.0 12.0



#49

Dibromochloromethane

Concen: 17.954 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW029865.D

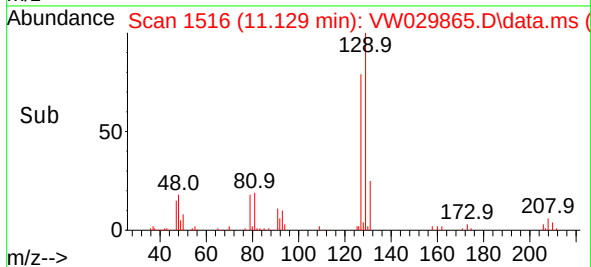
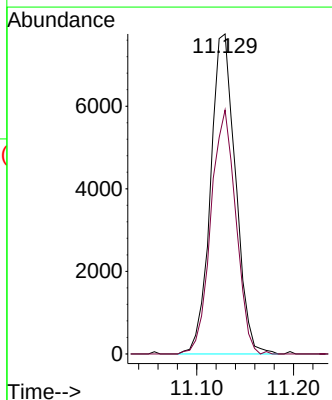
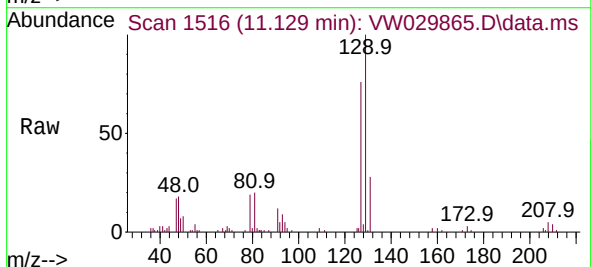
Acq: 08 Aug 2024 16:26

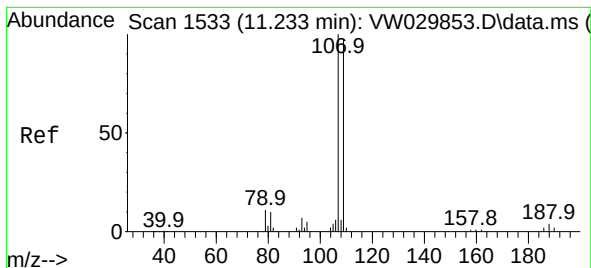
Tgt Ion:129 Resp: 13913

Ion Ratio Lower Upper

129 100

127 76.2 52.4 97.2





#50

1,2-Dibromoethane

Concen: 17.657 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

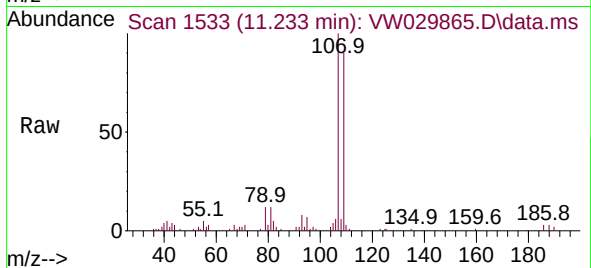
Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

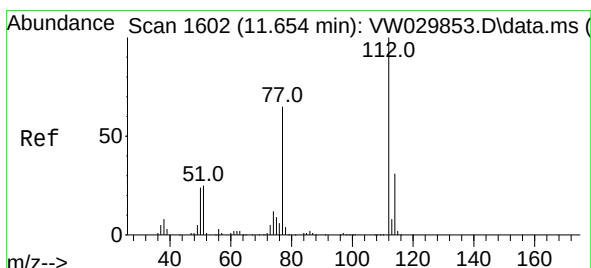
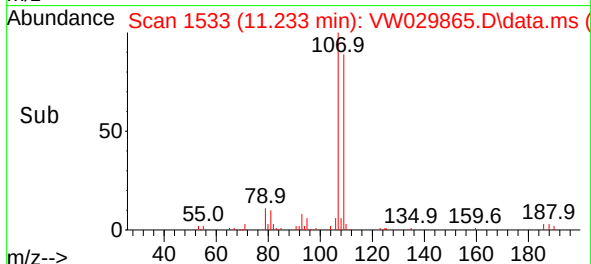
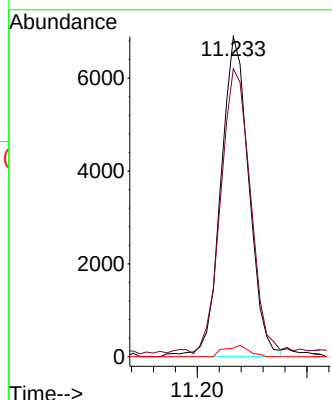
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	12195
Ion	Ratio	Lower	Upper
107	100		
109	90.0	64.8	120.3
188	2.7	2.7	4.1#



#51

Chlorobenzene

Concen: 17.455 ug/L

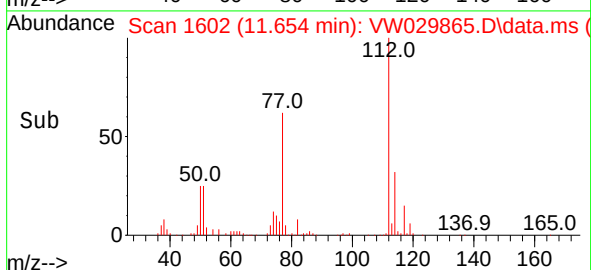
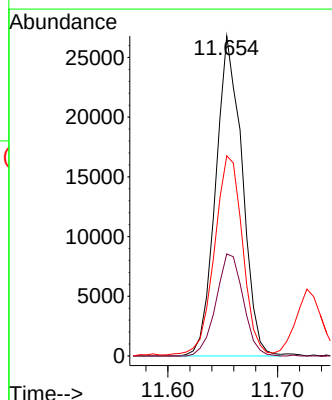
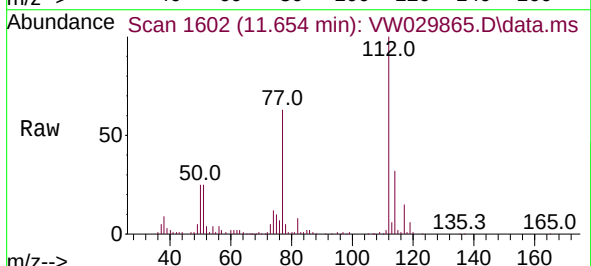
RT: 11.654 min Scan# 1602

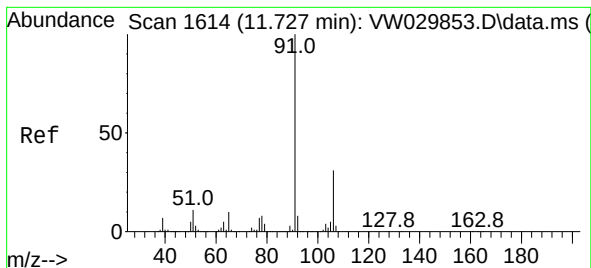
Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Tgt Ion:	112	Resp:	44935
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	40.8
77	62.6	53.8	80.8





#52

Ethylbenzene

Concen: 19.533 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

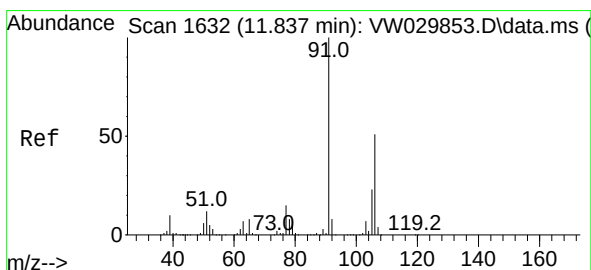
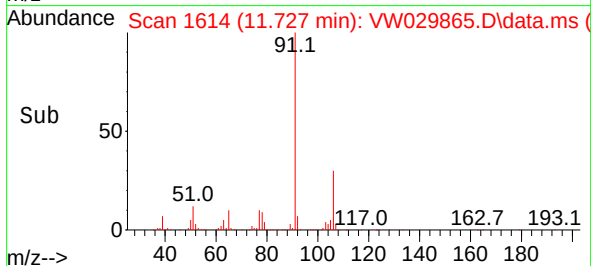
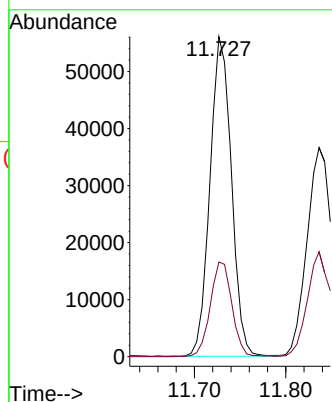
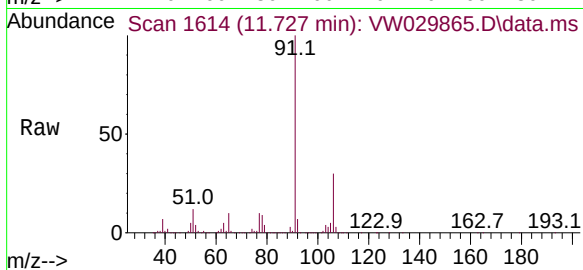
ClientSampleId :

Tgt Ion: 91 Resp: 91189

Ion Ratio Lower Upper

91 100

106 29.6 20.4 38.0



#53

m,p-Xylene

Concen: 19.625 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029865.D

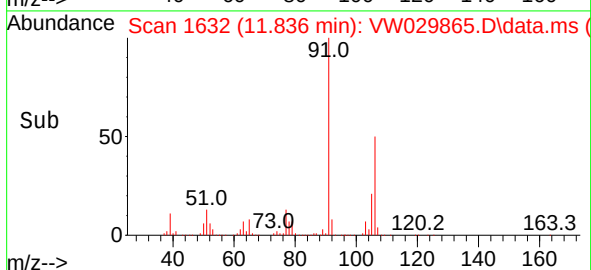
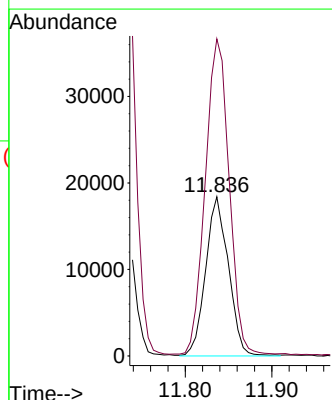
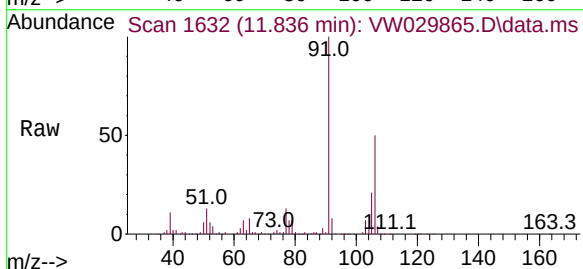
Acq: 08 Aug 2024 16:26

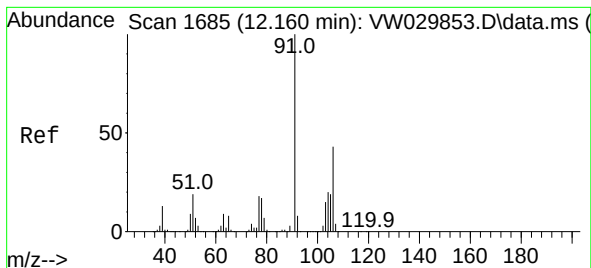
Tgt Ion:106 Resp: 33696

Ion Ratio Lower Upper

106 100

91 199.2 151.4 281.2

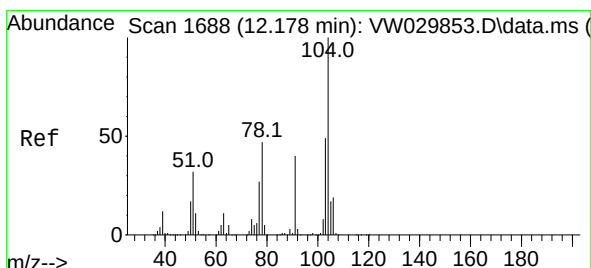
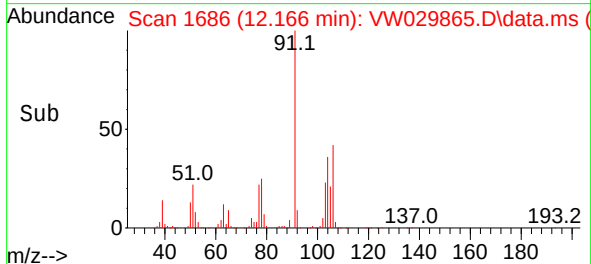
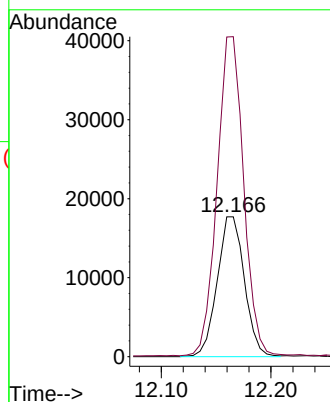
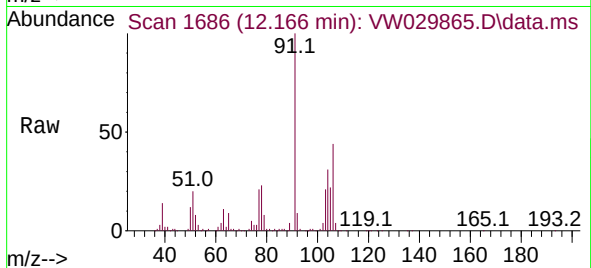




#54
o-Xylene
Concen: 19.290 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

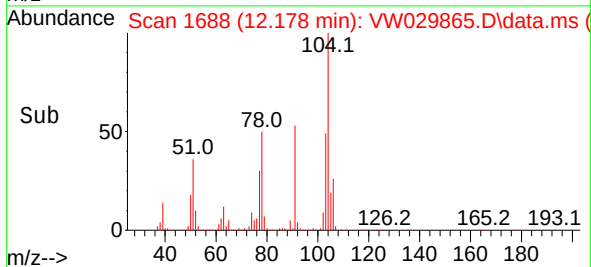
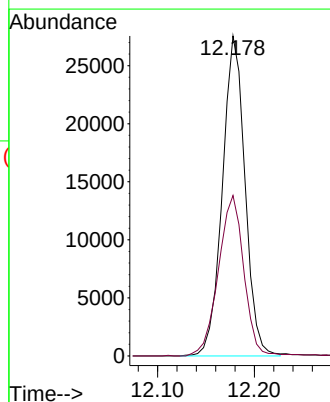
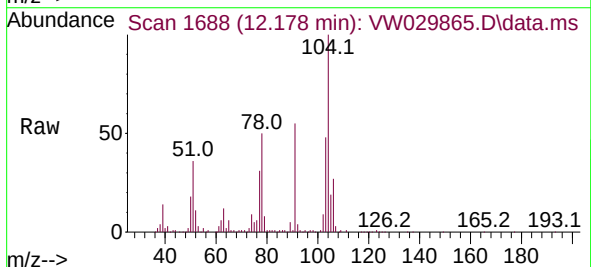
Instrument :
MSVOA_W
ClientSampleId :

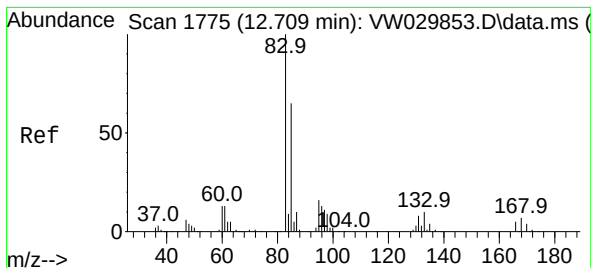
Tgt Ion:106 Resp: 30499
Ion Ratio Lower Upper
106 100
91 228.7 155.8 289.4



#55
Styrene
Concen: 16.351 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Tgt Ion:104 Resp: 44812
Ion Ratio Lower Upper
104 100
78 50.1 33.3 61.9

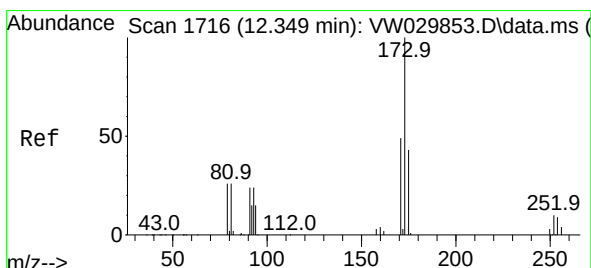
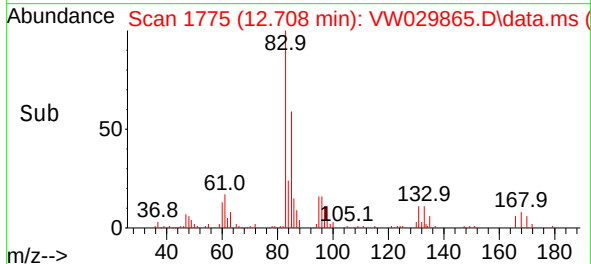
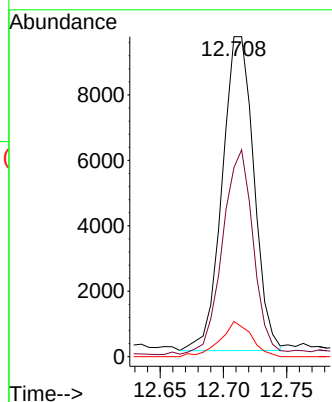
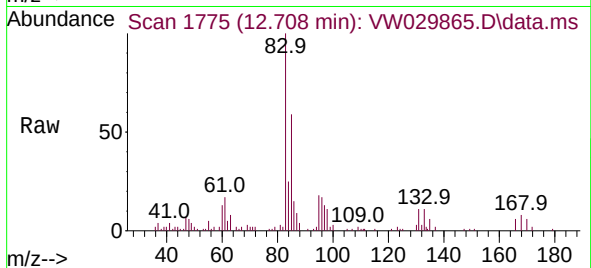




#57
1,1,2,2-Tetrachloroethane
Concen: 18.245 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

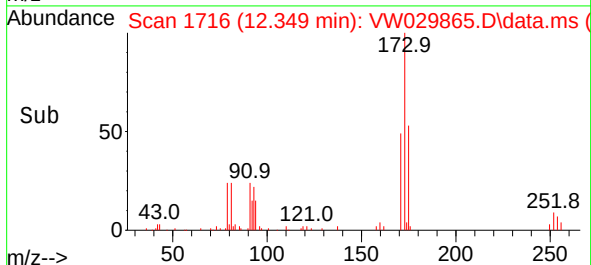
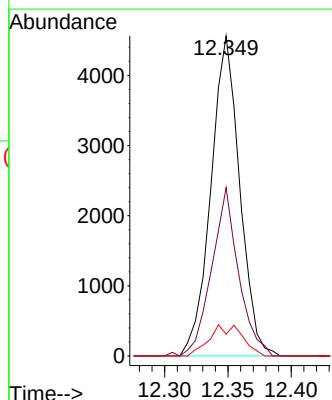
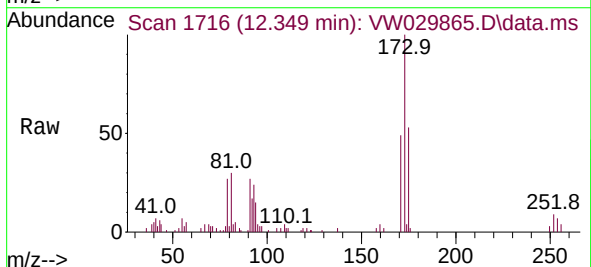
Instrument :
MSVOA_W
ClientSampleId :

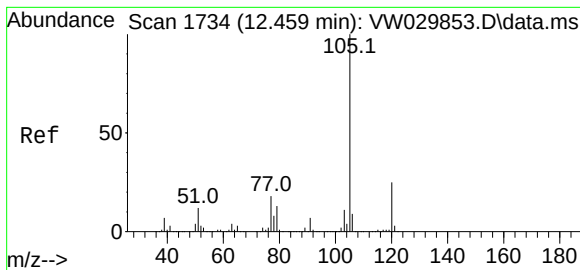
Tgt Ion: 83 Resp: 16716
Ion Ratio Lower Upper
83 100
85 59.1 44.2 82.0
131 11.0 6.2 9.2#



#59
Bromoform
Concen: 21.613 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Tgt Ion: 173 Resp: 7223
Ion Ratio Lower Upper
173 100
175 49.0 38.1 57.1
254 6.3 7.8 11.6#





#60

Isopropylbenzene

Concen: 26.732 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

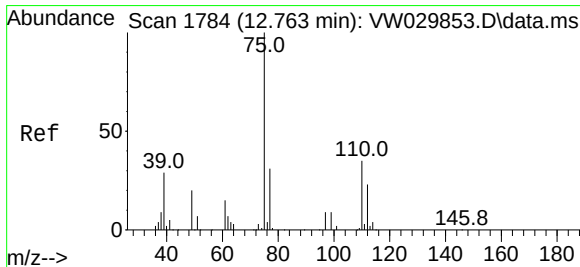
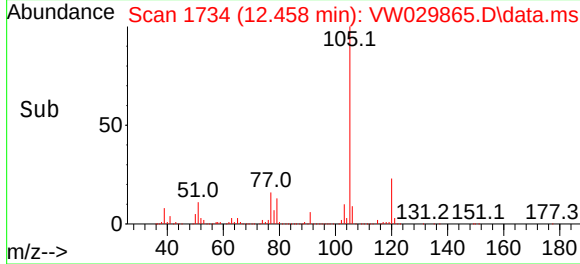
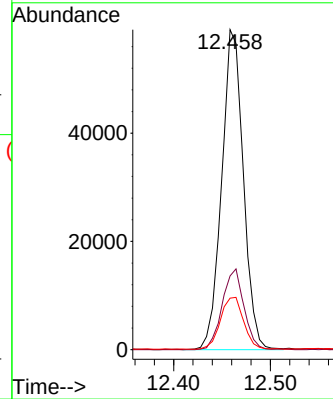
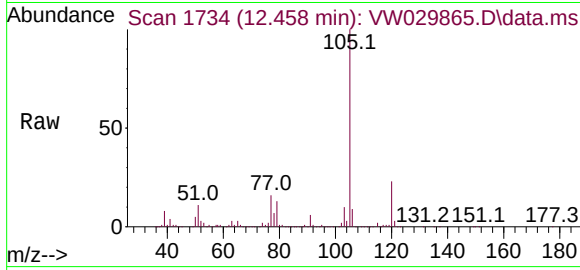
Tgt Ion:105 Resp: 91874

Ion Ratio Lower Upper

105 100

120 25.3 20.3 30.5

77 17.3 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 23.651 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

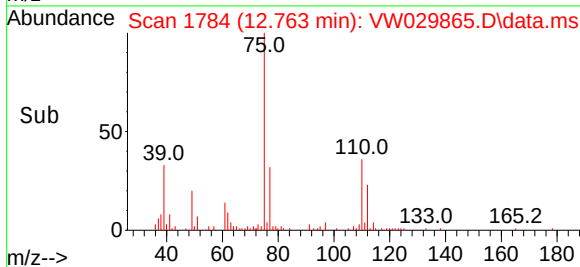
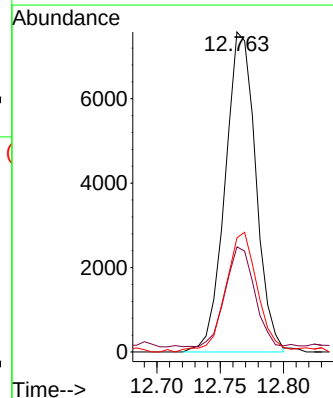
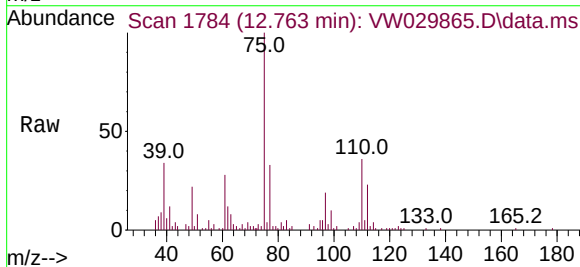
Tgt Ion: 75 Resp: 12776

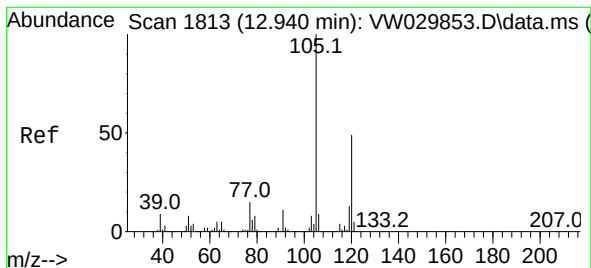
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

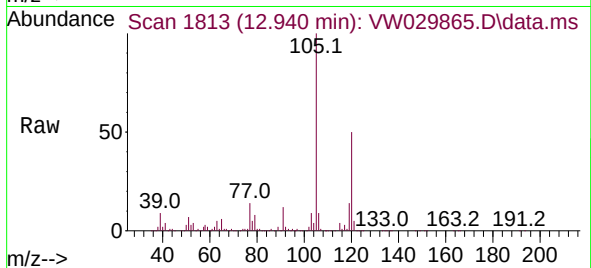
110 39.0 28.6 43.0



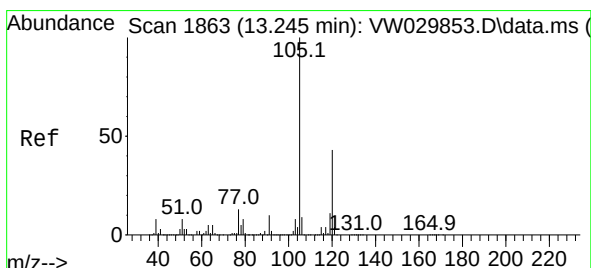
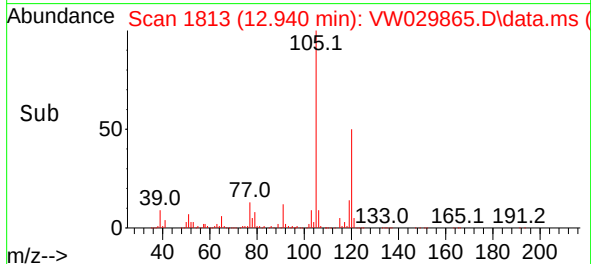
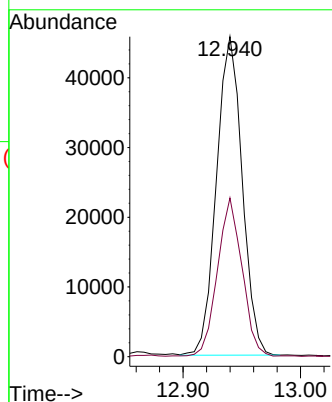


#62
1,3,5-Trimethylbenzene
Concen: 27.231 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Instrument :
MSVOA_W
ClientSampleId :

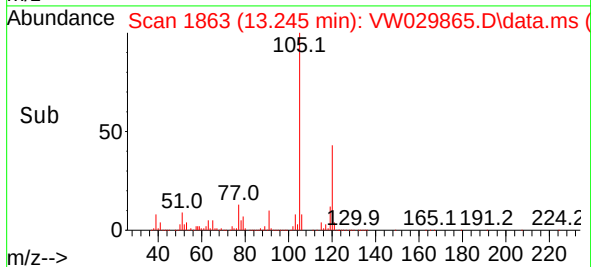
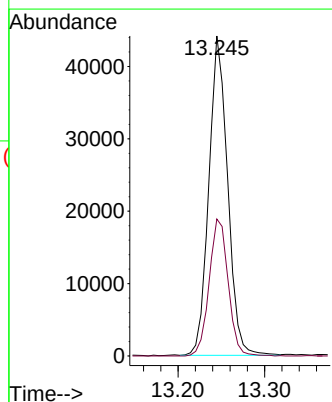
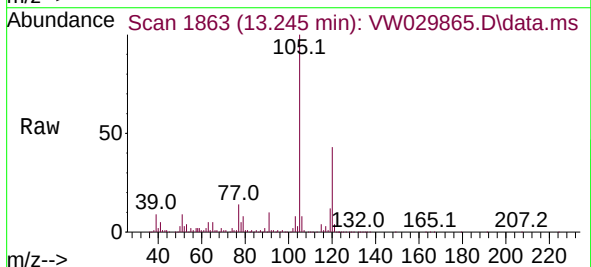


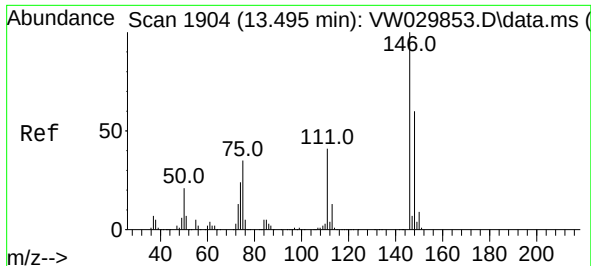
Tgt Ion:105 Resp: 69564
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 24.375 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

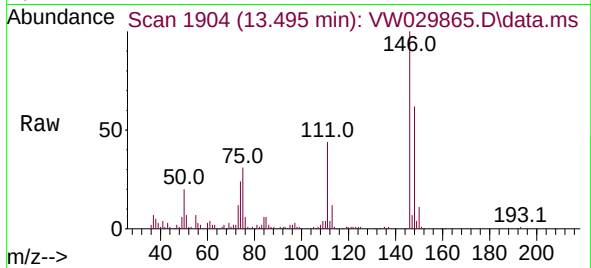
Tgt Ion:105 Resp: 66593
Ion Ratio Lower Upper
105 100
120 43.2 35.4 53.0



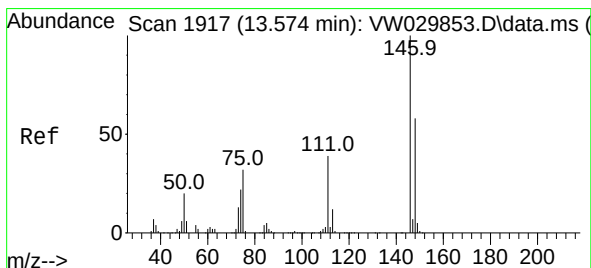
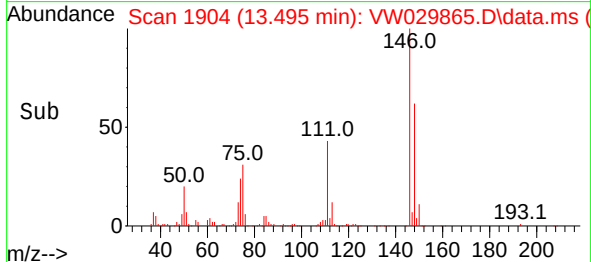
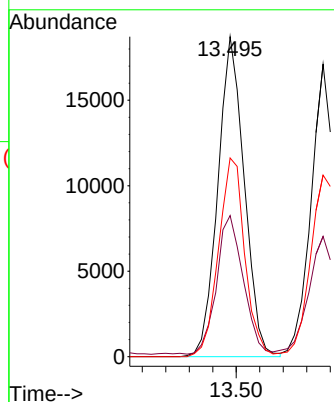


#64
1,3-Dichlorobenzene
Concen: 19.947 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Instrument :
MSVOA_W
ClientSampleId :

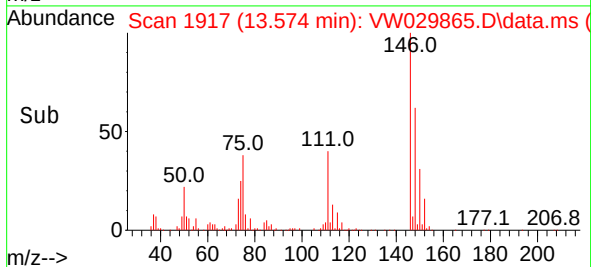
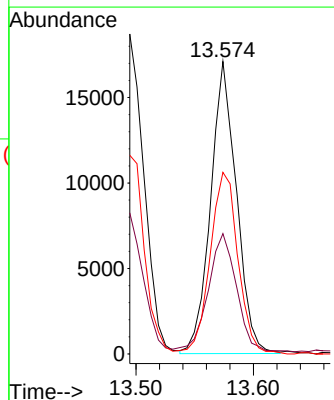
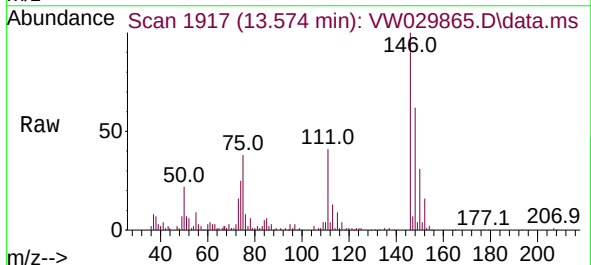


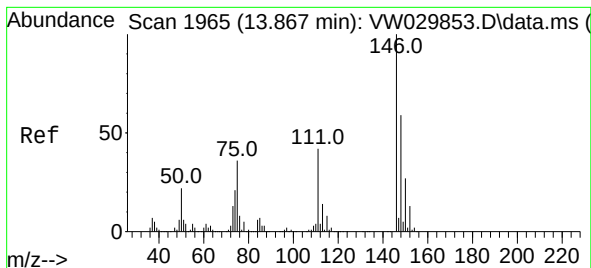
Tgt Ion:146 Resp: 29249
Ion Ratio Lower Upper
146 100
111 44.1 28.7 53.3
148 62.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 17.374 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029865.D
Acq: 08 Aug 2024 16:26

Tgt Ion:146 Resp: 26169
Ion Ratio Lower Upper
146 100
111 41.1 30.1 55.9
148 62.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 18.444 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

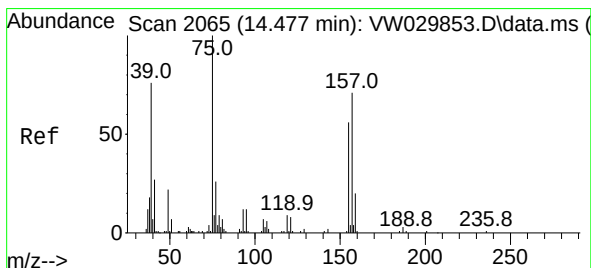
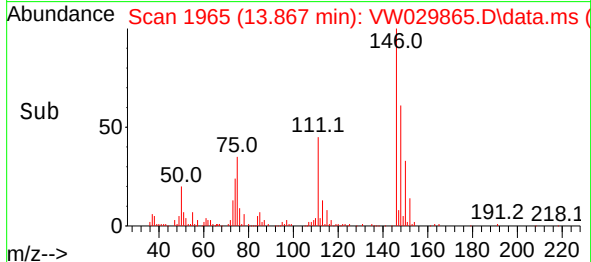
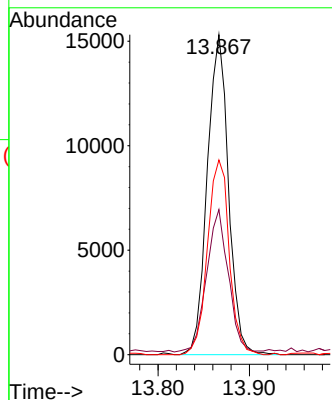
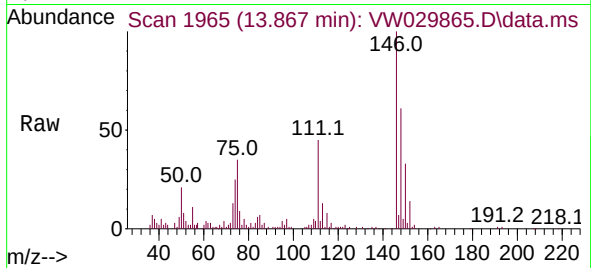
Tgt Ion:146 Resp: 24622

Ion Ratio Lower Upper

146 100

111 45.4 35.8 53.8

148 60.9 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 18.793 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

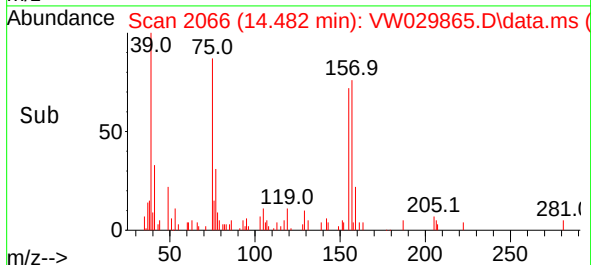
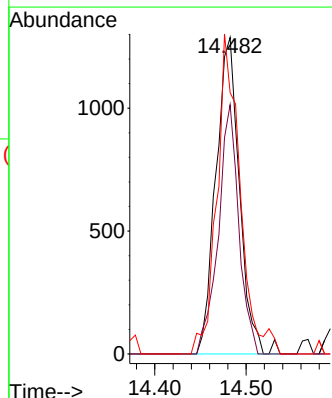
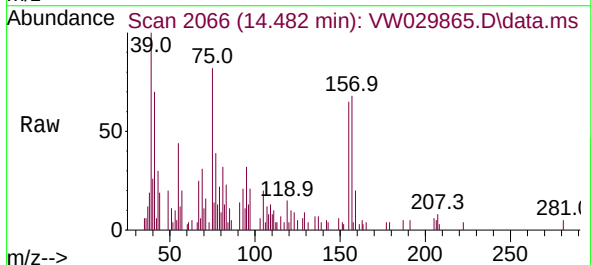
Tgt Ion: 75 Resp: 2305

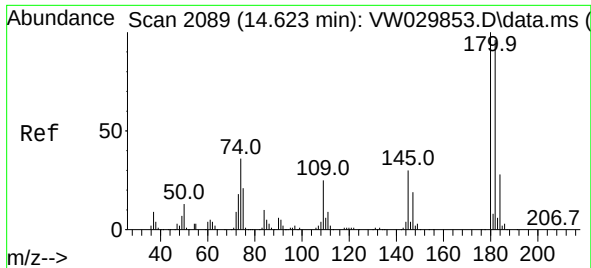
Ion Ratio Lower Upper

75 100

155 78.7 47.8 71.6#

157 87.0 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 16.671 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

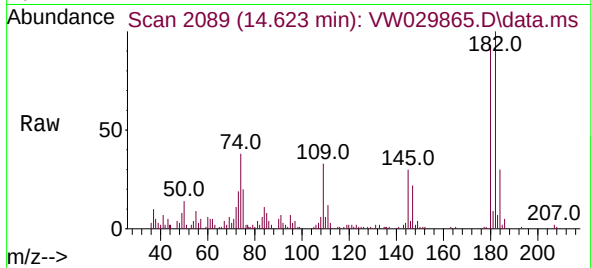
Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 16725

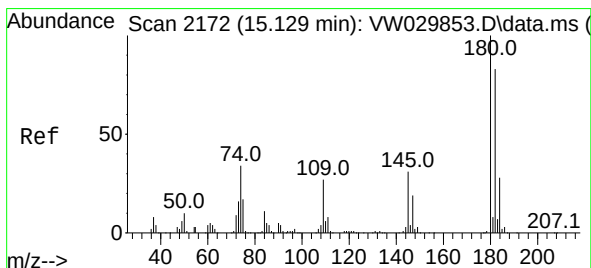
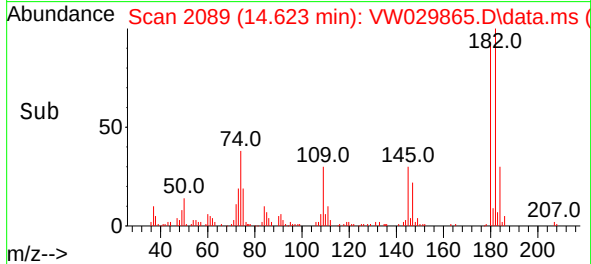
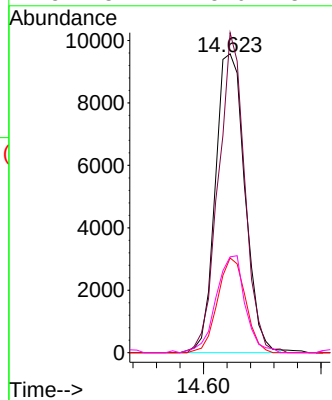
Ion Ratio Lower Upper

180 100

182 95.2 72.7 109.1

184 29.9 23.3 34.9

145 32.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 12.474 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

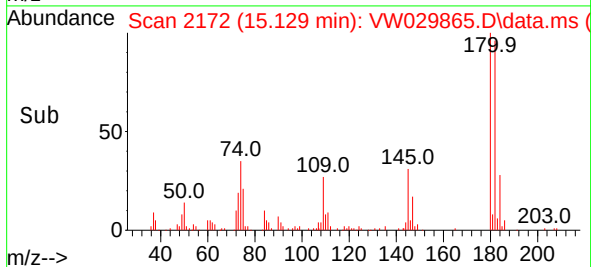
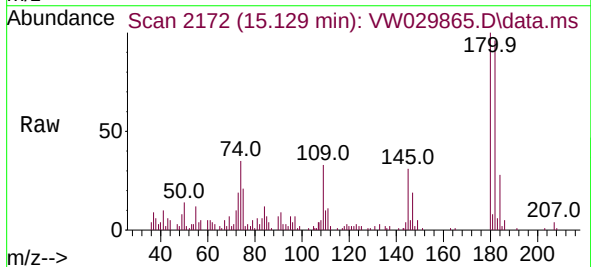
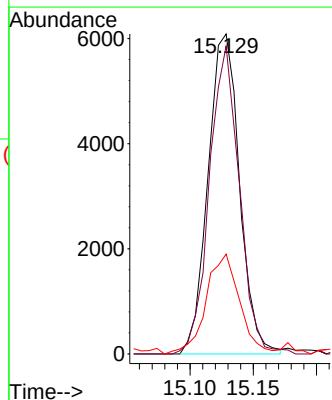
Tgt Ion:180 Resp: 10543

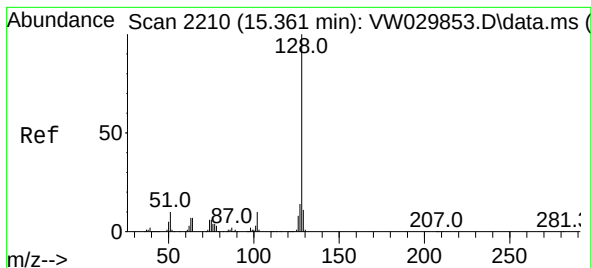
Ion Ratio Lower Upper

180 100

182 91.0 80.2 120.4

145 33.0 26.3 39.5





#71

Naphthalene

Concen: 10.968 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Instrument :

MSVOA_W

ClientSampleId :

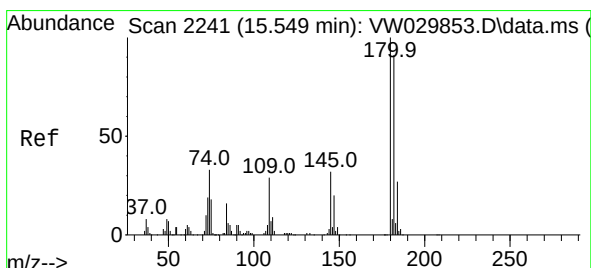
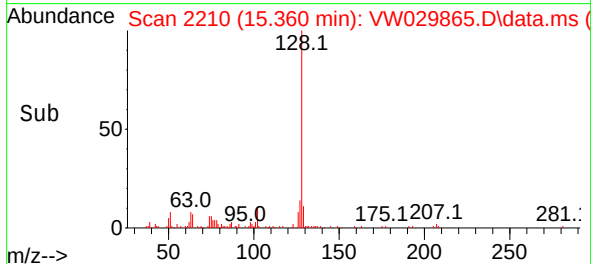
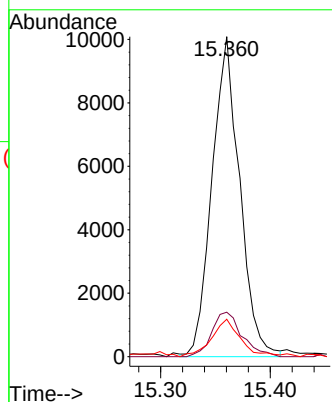
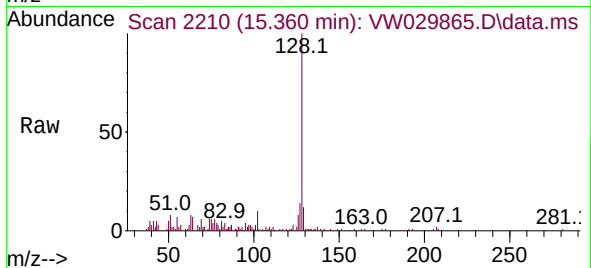
Tgt Ion:128 Resp: 17688

Ion Ratio Lower Upper

128 100

127 15.2 10.7 16.1

129 11.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 10.210 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029865.D

Acq: 08 Aug 2024 16:26

Tgt Ion:180 Resp: 7811

Ion Ratio Lower Upper

180 100

182 99.9 74.0 111.0

145 37.8 27.5 41.3

